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VOLUME 6 • NUMBER 4

CONSTRUCTION REVIEW

C41.20/3

TRENDS IN PRODUCTION OF DOMESTIC STORAGE WATER HEATERS

DOCUMENTS

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- *Costs*
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Inquiries on articles may be addressed to the originating agency. Information on the Statistical Series (Parts A-G) may be obtained from the agency indicated in the source notes to the tables.

CONSTRUCTION REVIEW

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The above series do not include Alaska and Hawaii unless otherwise noted.

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(1)

At a Glance

CONSTRUCTION ACTIVITY IN MARCH—The value of new construction put-in-place rose 5 percent in March 1960 to nearly \$3.7 billion, a level 4 percent below March 1959. The seasonally adjusted annual rate for March, at \$52.9 billion, showed a 3 percent decline from February. Construction in the first quarter of 1960 was only 2 percent below the corresponding quarter of 1959, when activity was at an alltime peak for that time of year. Public construction was down 14 percent and private residential 3 percent from the first quarter of 1959, but these declines were nearly offset by gains in all other categories of construction. Industrial construction activity increased by one-third from the low level of the first quarter of 1959. In the same period, a sharp ascent of 15 percent was also recorded by commercial construction.

HOUSING STARTS IN FEBRUARY—Private housing starts declined in February 1960 to 74,000 units. On a seasonally adjusted annual rate basis, these starts were 8 percent below those of the previous month and 21 percent below those of February 1959. The current decline was anticipated because of the tight money situation.

Public starts recovered sharply in February 1960, bringing total public and private starts for the month to 77,000, a 1-percent increase over January. In the first two months of 1960, total housing starts amounted to 153,000 units, a 16-percent drop over the comparable period in 1959.

FHA-VA ACTIVITY IN FEBRUARY—In February 1960 FHA applications totaled 25,000 and VA appraisal requests amounted to 13,000, representing sharp increases over the preceding month, as is normally expected at this time of year. For January and February combined, FHA applications were 28 percent and VA requests 38 percent below those of the corresponding months of 1959.

Housing starts under FHA and VA inspection exhibited a similar pattern—a sharp monthly rise in February but activity well behind that of a year ago. In the first 2 months of 1960, FHA starts were 16 percent below those of the same period last year, and VA starts lagged by 32 percent.

The 17,000 FHA mortgages insured during February 1960 represented the lowest level since December 1958, down 6 percent from the January level and 5 percent below that of February 1959. This decline in the number of mortgages insured reflected the downturn in the housing market in the second half of 1959.

NONFARM MORTGAGE RECORDINGS IN JANUARY—The total value of recordings of nonfarm mortgages of \$20,000 or less dropped to \$2,079 million in January 1960 from \$2,487 in Decem-

ber 1959, all lending groups reducing their extension of mortgage credit. The value drop primarily reflected a fall in the number of mortgage recordings and, to a lesser degree, a slight decrease in average amount. The average mortgage value has declined steadily from \$8,687 in June 1959 to \$8,401 in January 1960. The total value of mortgage recordings in January was 12 percent below that of January 1959.

BUILDING PERMIT ACTIVITY IN JANUARY—Permit valuation for all building construction dropped 14 percent in January 1960 from the previous month. January permits, valued at \$1.2 billion, were 9 percent less than those in January 1959, both the private and public sectors participating about equally in the decline.

However, types of construction varied considerably in the change in the value of building permits issued in January 1960 compared with January 1959. Commercial construction was down 25 percent; new dwelling units were down 15 percent on a value basis and 19 percent in number of units. On the other hand, industrial building rose 13 percent and the "all other" group of nonresidential construction rose 22 percent. Community buildings showed little change.

PUBLIC CONTRACT AWARDS IN JANUARY—Valuation of public contracts totalled \$727.6 million in January 1960, down 12 percent from December 1959 and 14 percent from January 1959. Both Federal and State and locally owned categories shared in the over-the-month decline in awards, but the decline from last year was concentrated in the State and local area. Educational building, which in 1959 had declined relatively less than the overall State and local aggregate, moved contrary to the overall downturn in the first month of 1960 and rose 11 percent over the same month in 1959.

CONSTRUCTION CONTRACTS IN FEBRUARY—The total value of construction contracts awarded in February 1960, as reported by the F. W. Dodge Corporation, increased over the previous month for the first time in 4 months. The value of February 1960 awards, however, was 3 percent below that of February 1959. Although the 12-month total ending in February was 1 percent above that of the comparable 1959 period, the year-over-year rises have been steadily diminishing from the peak of 19 percent registered for the 12-month period ending in May 1959.

Reports by the *Engineering News-Record*, on the value of construction contracts awarded in February 1960, indicated rises of 14 percent over January and 7 percent over February 1959. The volume of

At a Glance

contracts for the 12-month period ending in February 1960, however, was down 3 percent from the corresponding period a year earlier. This small decline reflected divergent trends between the public and private sectors. The 12-month total for the private sector was 26 percent above that of a year ago, whereas that for the public sector was 22 percent below. Private industrial building continued its resurgence from the depressed 1958 levels, showing a two-thirds increase for the 12-month period ending in February 1960 over the same period in 1959.

CONSTRUCTION COSTS IN JANUARY—The Department of Commerce composite construction cost index, after reaching an alltime high of 144 (1947-49=100) in December 1959, fell to 143 in January 1960. Construction costs, however, were still 3 percent above January 1959. The December-January drop is not significant because the principal factor behind the January downward movement was the variance in weights used in computing this variably weighted index rather than declines in the component cost indices. In this instance, the highway component was responsible for the 1-point change, (despite a small rise in its cost index) because of an unusually large increase in its weight in January relative to that of December. Had the highway component been excluded in calculating the composite index, no change would have occurred from January to December.

CONSTRUCTION MATERIAL PRICES IN FEBRUARY—The wholesale price index for all construction materials declined fractionally in February 1960, down for the first time in 3 months. The 1960 figure was 1 percent above February 1959, a smaller margin of gain than in the past several months.

The following table presents the more significant price movements of construction materials for February:

Commodity	Jan.-Feb. 1960	Percent change, Feb. 1959-60	Percent change, Feb. 1959
Softwood plywood.....	- 4	- 13	
Building wire.....	- 1	+ 23	
Corrugated aluminum roofing.....	+ 7	+ 10	
Prepared asphalt roofing	- 6	- 11	

CONSTRUCTION MATERIALS OUTPUT IN DECEMBER AND JANUARY—The composite materials output index, at 124.4 (1947-49=100) in December 1959, rose 5 percent from November 1959, reflecting primarily the rapid resumption of production in the iron and steel industry after the steel strike. The seasonally adjusted index rose 17 percent in December 1959 over November, and was 9 percent above December 1958. Total output for 1959 rose 7 percent over 1958, despite the work stoppage in the steel industry. An unusually high rate of production in the industry in the first half of 1959, in anticipation of the work stoppage, and a strong output in December offset most production losses during the strike period.

Detailed output statistics available for January 1960 showed strong counterseasonal movements. On a seasonally adjusted basis, all indexes declined. Major declines from December 1959 were registered for lumber and wood products (down 14 percent), Portland cement (down 10 percent), and asphalt products (down 29 percent).

CONTRACT CONSTRUCTION EMPLOYMENT IN FEBRUARY—Employment in contract construction totaled 2.4 million workers in February 1960, 5 percent more than in February 1959. Virtually no change occurred from the previous month, however, after allowance is made for seasonal factors.

Data by type of contractor for January 1960 showed that all categories of employment had increased from 1959 except employment by highway and street contractors.

HOURS AND EARNINGS IN JANUARY—Average weekly hours in contract construction were 34.9 in January 1960, down from 36.7 hours in December and nearly 1 hour below the 35.7 figure in January 1959. Except in December, average weekly hours in contract construction have been below the January 1959 figure each month since September 1959.

At \$3.23, hourly earnings in January 1960 were up slightly from the \$3.21 figure for December 1959 and 4 percent above the \$3.11 level of January 1959. However, average weekly earnings at \$112.73 in January 1960 were down more than \$5 from December because of the decline in average weekly hours. January 1960 average weekly earnings were also up, \$1.70 higher than in January 1959.

Trends in the Production of Domestic Storage Water Heaters*

The value, at manufacturers' prices, of water heaters produced in 1957 totaled \$195 million for the direct-fired type, and slightly more than \$6 million for the indirect-fired type—according to a survey conducted by the Building Materials Division of the Business and Defense Services Administration. The survey was restricted to direct- and indirect-fired storage water heaters. The indirect-fired heaters are known as hot water generators. Data on the instantaneous and side-arm water heaters were not obtained. Statistics on the industry for the year 1958 will be available in the 1958 *Census of Manufactures*, scheduled for publication in the fall of 1960.

The importance of domestic hot water to the health of the Nation has been emphasized in studies conducted by the United States Public Health Service. The results of one such study are reported in Public Health Monograph No. 54 (1958). A summary of this report, prepared by Mr. Malcolm C. Hope, Chief, General Engineering Program of the Bureau of State Services, Department of Health, Education, and Welfare, appeared in the July 1959 issue of a leading plumbing trade publication.

TYPES AND USES OF HEATERS

Direct-fired storage water heaters are those in which the source of the heat is consumed within the heater assembly. They are used in residences and some of the smaller nonresidential structures, such as stores and garages. Indirect-fired hot-water generators are those in which the water is heated by an intermediate carrier, such as steam or hot water. Because of their greater capacity, they are used in the larger apartments, schools, hotels, hospitals, and the larger commercial and industrial buildings.

Oil, gas, or electricity furnishes the heat source for direct-fired storage water heaters. Only a small number of direct-fired types using kerosene, are used in this country, though they are exported in some quantity. They are included in the oil-fired figures.

PRODUCTION

In 1957, according to the survey, the direct-fired and indirect-fired types were manufactured by 110 companies operating 117 plants. Of these plants, 86 manufactured only direct-fired units; 12 manufactured both the direct and indirect-fired types; and 19 manufactured only indirect-fired units. The value, at manufacturers' prices, of

water heaters produced in 1957 totaled \$195 million for the direct-fired type and slightly more than \$6 million for the indirect-fired type.

Production of water heaters is concentrated in the East North Central area, the New England-Middle Atlantic area producing the second largest quantity. This concentration of manufacture is shown in the following tabulation:

Production of Storage Water Heaters in the United States,
by Census Geographic Division

Census geographic division*	Number of plants reporting	Number of units	Value of
			shipments in thousands
Direct-fired electric storage water heaters			
United States.....	60	970.8	\$51,441
New England.....	14	208.1	12,529
Middle Atlantic.....	1	532.9	27,194
East North Central.....	23	5.7	357
West North Central.....	4	48.8	2,001
South Atlantic.....	7	105.2	5,158
East South Central.....	0	.....	.....
West South Central.....	0	.....	.....
Mountain.....	8	70.1	4,202
Direct-fired gas storage water heaters			
United States.....	77	2,652.5	\$141,706
New England.....	16	759.4	39,771
Middle Atlantic.....	1	27	59,986
East North Central.....	5	1,053.7	2,381
West North Central.....	10	44.3	7,826
South Atlantic.....	0	.....	.....
East South Central.....	0	.....	.....
West South Central.....	0	.....	.....
Mountain.....	19	644.6	31,742
Direct-fired oil storage water heaters			
United States.....	18	22.3	2,628
Middle Atlantic.....	18	22.3	2,628
East North Central.....	0	.....	.....
Pacific.....	0	.....	.....
Indirect-fired hot water generators			
United States.....	31	12.4	6,283
New England.....	4	.5	400
Middle Atlantic.....	14	8.0	3,833
East North Central.....	1	6	1.2
West North Central.....	3	1.9	376
South Atlantic.....	0	.....	.....
East South Central.....	0	.....	.....
West South Central.....	0	.....	.....
Mountain.....	0	.....	.....
Pacific.....	4	.8	233

*Prepared under the supervision of Charles P. Redick, Director, Building Materials Division, Business and Defense Services Administration, U. S. Department of Commerce.

1Composition of geographic divisions is shown on p. 9.
Data combined to avoid disclosing individual company operations.

The following table sets forth, in addition to average sales price per unit, statistics on the various sizes of storage water heaters produced, information that has previously not been available. The large production of direct-fired gas storage water heaters in the 21-40 gallon range should be noted.

Production of Storage Water Heaters and Average Price in the United States, by Type and Size

Type and capacity (gallons)	Number of units reported (in thousands)	Average sales price
Direct-fired electric, total.....	970.8	xxxx
0-20.....	158.2	\$30
21-40.....	315.4	50
41-75.....	414.7	60
76 and over.....	82.5	80
Direct-fired oil, total.....	22.3	xxxx
0-20.....	1.1	\$70
21-40.....	19.4	75
41-75.....	1.7	290
76 and over.....	.1	1,200
Direct-fired gas, total.....	2,652.5	xxxx
0-20.....	434.8	\$45
21-40.....	2,014.7	50
41-75.....	159.1	80
76 and over.....	43.9	115
Indirect-fired hot water generators, total.....	12.5	xxxx
0-500.....	8.6	\$200
501-2,000.....	3.5	750
2,001 and over.....	.4	2,200

Fourteen companies, reporting shipments in excess of \$1 million and operating 15 plants, reported their total 1957 electric water heater shipments at more than \$35 1/2 million, or 70 percent of total production of electric water heaters. Three of these plants, producing electric storage water heaters only, accounted for 38 percent of total electric water heater production.

Production of gas-fired storage water heaters is concentrated among 24 companies operating 28 plants. These companies produced gas-fired storage water heaters valued at more than \$123 million, or approximately 88 percent of the total production of gas storage water heaters. Seven plants, manufacturing gas storage water heaters exclusively, accounted for 26 percent of the total \$123 million sales.

Three manufacturers of oil storage water heaters produced 60 percent of the total, valued at about \$2 million. This relative concentration is also

found in indirect-fired types—75 percent of the 1957 shipments, valued at slightly more than \$4 1/2 million, were concentrated in 7 of the 31 producing plants.

Of the 98 direct-fired storage water heater manufacturers (12 of whom also produced indirect-fired hot water generators), 60 manufactured the electric type, although 44 of this group also manufactured water heaters using oil or gas as fuel:

Fuel	Number of plants
Electric only.....	16
Oil only.....	2
Gas only.....	28
Electric and oil	2
Electric and gas	36
Oil and gas.....	8
Electric, gas, and oil.....	6
Total.....	98

A boon to the electric water heater industry has been the continued extension of electric power to rural areas. The gradual extension of gas service to both rural and semi-urban communities is a definite growth factor for the gas-fired type.

As shown below, the gas water storage heater predominates in direct-fired production, both in units and dollar value.

Type of unit	Units produced (thousands)	Value (thousand dollars)
Direct-fired electric.....	971	\$51,441
Direct-fired oil.....	22	2,628
Direct-fired gas.....	2,653	141,706
Total direct-fired.....	3,646	\$195,775

The storage water heater industry uses a considerable quantity of metals, primarily steel. During 1957 the metal receipts reported by the manufacturers surveyed aggregated 272 thousand tons of carbon steel and more than 14 million pounds of other metals:

	Total	Direct-fired	Indirect-fired
Pig iron and scrap (tons).....	12,323	12,035	288
Carbon steel (tons).....	272,125	260,964	11,161
Stainless and nickel steel (000 pounds).....	3,060	1,497	1,563
Copper (000 pounds).....	4,150	2,152	1,998
Aluminum (000 pounds).....	4,130	4,123	7
Other (000 pounds) ¹	3,246	2,459	787

¹ The other metals reported were brass, aluminized-type stainless, zinc, magnesium castings, monel.

EXPORTS AND IMPORTS, 1959

Exports of domestic storage water heaters are relatively small. In 1959, 15,000 electric storage water heaters valued at slightly more than \$700,000 were exported, mainly to Canada, Cuba, and Venezuela. In the same period, nearly 20,000 gas-fired storage water heaters, valued at about \$1,200,000, were exported—84 percent going to Canada. In 1959, 23,000 storage water heaters using kerosene as fuel and valued at over \$875,000 were exported. Canada received 39 percent; Venezuela 11 percent.

Exports and imports of indirect hot-water generators and imports of direct-fired storage water heaters are included in classifications marked "N.S.P.F" (not specially provided for) and, therefore cannot be segregated from other items.

THE 1960 OUTLOOK

Sales of storage water heaters in 1960 should about equal those in 1959. The expected decline in

new residential construction in 1960 should have relatively little effect on total industry sales because the replacement and modernization market for storage water heaters probably accounts for three-fourths of the residential (single-dwelling) market. Assuming that the Nation's total output of goods and services remains at a high level, replacement and modernization sales in 1960 should be about the same as in 1959.

Furthermore, nonresidential construction—commercial, hospital, institutional, and educational buildings, most of which use the larger, more expensive indirect hot-water generators—will likely increase during 1960. Multiple residential construction, particularly large apartment houses, is expected to equal and may exceed 1959. Multiple residential construction also uses the larger and more expensive hot water systems.

Based on the foregoing, it appears that 1960 should be a banner year for the hot water heater industry.

STATISTICAL SERIES

Part A—Construction Put in Place

NOTE: Estimates for September, October and November 1959 reflect the results of special surveys of a sample of builders and contractors undertaken to obtain information about any effect that steel shortages may have had on construction work done in those months. Results of these surveys have been applied to the figures derived from the normal estimating procedures.

No special survey was made on the effect of the steel strike after November. In view of the resumption of steel production in November, it was assumed that shortages of steel for construction purposes continued after November but that these shortages were not so great as during November and that these continued shortages resulted in less curtailment of construction activity. It was further assumed that the degree of curtailment of construction activity for each type of construction would decline from the November level to zero in one, two, or three months, dependent on the degree of curtailment shown for that type of construction in November.

With the exception of the special surveys mentioned above, these monthly estimates are not based on direct measurements. Primarily, they are derived by applying standard progress patterns (which reflect normal seasonal movements) to the value of contracts awarded prior to the current month. The estimates do not reflect the effects of the varying number of working days in different months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, overtime, postponements, and—except when special surveys are made—materials shortages and work stoppages.

Table A-1: New Construction Put in Place: Current Month, by Type of Construction

Type of construction	Value (in millions of dollars)						Percent change		
	1960			1959	First 3 months		Feb. 1960	Mar. 1960 from Mar. 1959	First 3 months 1950-60
	Mar.	Feb.	Jan.	Mar.	1960	1959			
TOTAL NEW CONSTRUCTION	3,672	3,496	3,686	3,840	10,854	11,058	+ 5	- 4	- 2
PRIVATE CONSTRUCTION	2,705	2,597	2,712	2,714	8,014	7,770	+ 4	(1)	+ 3
Residential buildings (nonfarm)	1,435	1,353	1,476	1,562	4,264	4,407	+ 6	- 8	- 3
New dwelling units	1,107	1,035	1,140	1,230	3,282	3,480	+ 7	- 10	- 6
Additions and alterations	260	250	266	276	776	757	+ 4	- 6	+ 3
Nonhousekeeping	68	68	70	56	206	170	0	+ 21	+ 21
Nonresidential buildings	745	763	757	625	2,265	1,916	- 2	+ 19	+ 18
Industrial	213	218	209	154	640	479	- 2	+ 38	+ 34
Commercial	305	314	310	270	929	811	- 3	+ 13	+ 15
Office buildings and warehouses	162	166	171	149	499	461	- 2	+ 9	+ 8
Stores, restaurants, and garages	143	148	139	121	430	350	- 3	+ 18	+ 23
Other nonresidential buildings	227	231	238	201	696	626	- 2	+ 13	+ 11
Religious	74	77	78	67	229	210	- 4	+ 10	+ 9
Educational	45	46	48	42	139	135	- 2	+ 7	+ 3
Hospital and institutional	47	48	49	45	144	136	- 2	+ 4	+ 6
Social and recreational	44	43	44	34	131	103	+ 2	+ 29	+ 27
Miscellaneous	17	17	19	13	53	42	0	+ 31	+ 26
Farm construction	113	103	101	115	317	312	+ 10	- 2	+ 2
Public utilities	393	359	356	399	1,108	1,096	+ 9	- 2	+ 1
Telephone and telegraph	75	71	64	75	210	199	+ 6	0	+ 6
Other public utilities ²	318	288	292	324	898	897	+ 10	- 2	(1)
All other private	19	19	22	13	60	39	0	+ 46	+ 54
PUBLIC CONSTRUCTION	967	899	974	1,126	2,840	3,288	+ 8	- 14	- 14
Residential buildings	58	57	57	96	172	287	+ 2	- 40	- 40
Nonresidential buildings	334	305	326	366	965	1,051	+ 10	- 9	- 8
Industrial	29	29	35	29	93	86	0	0	+ 8
Educational	200	182	196	218	578	638	+ 10	- 8	- 9
Hospital and institutional	31	28	29	37	88	96	+ 11	- 16	- 8
Administrative and service	38	34	34	47	106	133	+ 12	- 19	- 20
Other nonresidential buildings	36	32	32	35	100	98	+ 13	+ 3	+ 2
Military facilities	68	68	80	100	216	298	0	- 32	- 28
Highways	265	250	280	328	795	995	+ 6	- 19	- 20
Sewer and water systems	116	104	113	110	333	311	+ 12	+ 5	+ 7
Sewer	71	64	70	68	205	194	+ 11	+ 4	+ 6
Water	45	40	43	42	128	117	+ 13	+ 7	+ 9
Public service enterprises	37	32	35	31	104	84	+ 16	+ 19	+ 24
Conservation and development	76	71	70	78	217	214	+ 7	- 3	+ 1
All other public	13	12	13	17	38	48	+ 8	- 24	- 21

Source: Department of Commerce, Bureau of the Census.

¹ Change of less than one-half of 1 percent.

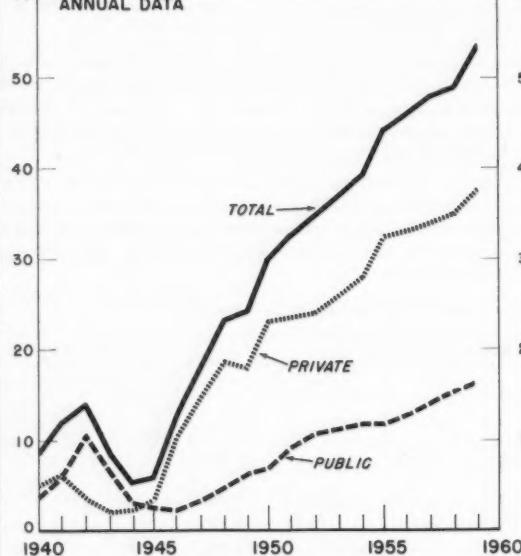
² Includes data for railroads, formerly shown separately.

"Revised."

Chart 1.

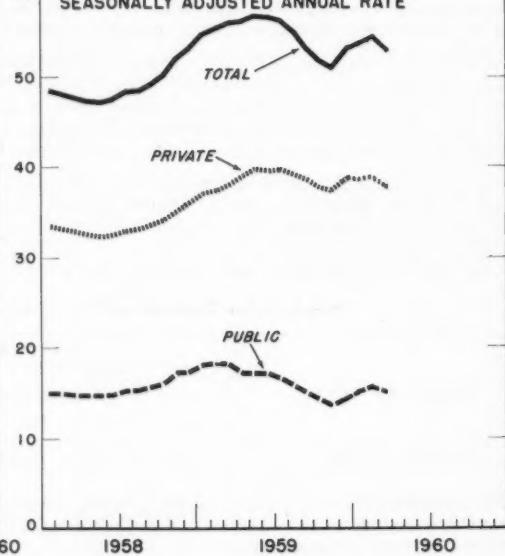
New Construction Put in Place

Billions of Dollars

ANNUAL DATA

SOURCE: DEPARTMENT OF COMMERCE

Billions of Dollars

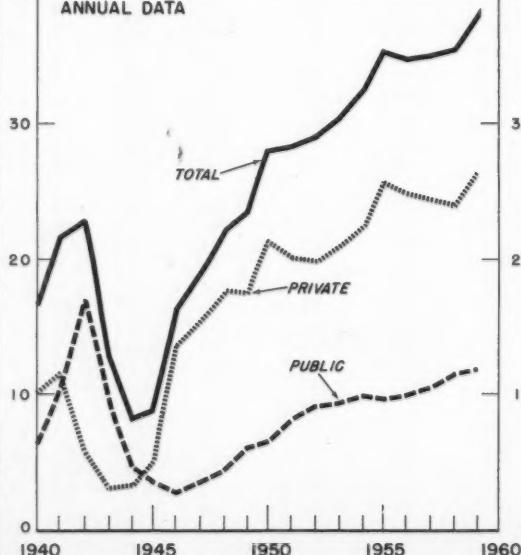
SEASONALLY ADJUSTED ANNUAL RATE

CONSTRUCTION REVIEW C.D. 60-10-A

Chart 2.

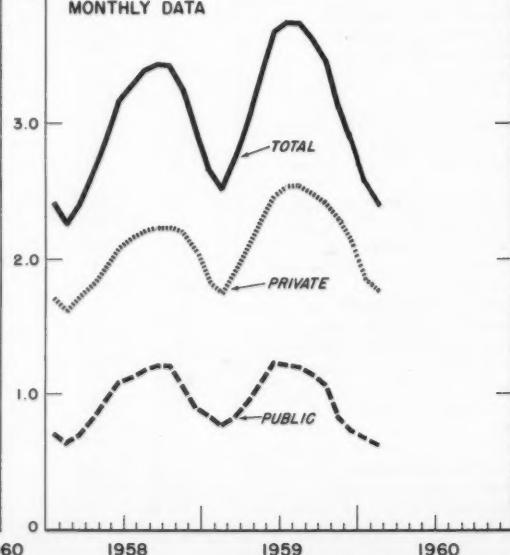
New Construction Put in Place (In 1947-49 Prices)

Billions of Dollars

ANNUAL DATA

SOURCE: DEPARTMENT OF COMMERCE

Billions of Dollars

MONTHLY DATA

CONSTRUCTION REVIEW C.D. 60-10-B

Table A-2: New Construction Put in Place: Recent Monthly Trend, by Type of Construction

(Value, in millions of dollars)

Type of construction	1958		1959											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
TOTAL NEW CONSTRUCTION.	4,109	3,723	3,506	3,840	4,284	4,755	5,160	5,258	5,265	5,102	4,880	4,421	4,075	
PRIVATE CONSTRUCTION.....	2,900	2,582	2,474	2,714	2,999	3,287	3,523	3,647	3,657	3,574	3,460	3,302	3,062	
Residential bldgs. (nonfarm)	1,679	1,471	1,374	1,562	1,799	1,972	2,096	2,151	2,134	2,105	2,036	1,904	1,718	
New dwelling units	1,329	1,170	1,080	1,230	1,370	1,473	1,583	1,625	1,622	1,619	1,565	1,457	1,322	
Additions and alterations ..	291	243	238	276	372	438	448	458	441	416	403	378	324	
Nohousekeeping	59	58	56	56	57	61	65	68	71	70	68	69	72	
Nonresidential buildings.....	716	655	636	625	627	687	762	801	811	773	770	790	789	
Industrial.....	168	165	160	154	150	154	161	167	175	166	171	185	200	
Commercial.....	310	273	268	270	276	320	364	379	369	352	348	354	341	
Office buildings and warehouses	168	158	154	149	150	159	165	172	178	171	168	170	174	
Stores, restaurants, and garages	142	115	114	121	126	161	199	207	191	181	180	184	167	
Other nonresidential bldgs.	238	217	208	201	201	213	237	255	267	255	251	251	248	
Religious.....	78	73	70	67	67	71	79	85	89	86	84	83	81	
Educational.....	51	48	45	42	41	41	42	44	46	44	45	46	48	
Hospital & institutional	47	46	45	45	45	46	48	49	50	48	48	49	49	
Social and recreational..	39	35	34	34	36	41	50	54	55	52	50	49	48	
Miscellaneous.....	23	15	14	13	12	14	18	23	27	25	24	24	22	
Farm construction.....	94	94	103	115	131	155	173	187	197	183	155	136	121	
Public utilities.....	395	348	349	399	429	458	475	489	496	493	477	449	411	
Telephone and telegraph ..	69	60	64	75	78	81	83	84	78	88	87	85	72	
Other public utilities ¹	326	288	285	324	351	377	392	405	418	405	390	364	339	
All other private.....	16	14	12	13	13	15	17	19	19	20	22	23	23	
PUBLIC CONSTRUCTION.....	1,209	1,130	1,032	1,126	1,285	1,468	1,637	1,611	1,608	1,528	1,420	1,119	1,013	
Residential buildings.....	91	94	97	96	95	92	88	77	69	67	63	59	61	
Nonresidential buildings.....	367	359	326	366	385	385	408	406	412	380	368	321	320	
Industrial.....	34	29	28	29	30	30	32	29	30	27	33	34	33	
Educational.....	225	223	197	218	229	227	242	245	239	222	217	185	191	
Hospital and institutional..	33	30	29	37	38	38	39	38	40	36	35	32	30	
Administrative & service ..	42	44	42	47	50	51	52	50	57	51	44	36	35	
Other nonresidential bldgs.	33	33	30	35	38	39	43	44	46	44	39	34	31	
Military facilities	118	107	91	100	119	144	159	127	133	129	117	109	98	
Highways.....	399	348	319	328	419	549	654	678	656	625	568	370	286	
Sewer and water systems.....	108	105	96	110	116	122	127	135	142	138	128	120	116	
Sewer	68	66	60	68	71	74	78	84	88	86	79	74	73	
Water.....	40	39	36	42	45	48	49	51	52	49	49	46	43	
Public service enterprises ..	30	28	25	31	39	49	54	63	68	63	54	45	37	
Conservation & development..	80	73	63	78	91	105	126	105	107	106	105	80	82	
All other public.....	16	16	15	17	21	22	21	20	21	20	17	15	13	

Source: Department of Commerce, Bureau of the Census.

¹ Includes data for railroads which were formerly shown separately.

COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

NORTHEAST

NORTH CENTRAL

SOUTH

WEST

1. New England	3. E. N. Central	4. W. N. Central	5. S. Atlantic	6. E. S. Central	8. Mountain
Connecticut	Illinois	Iowa	Delaware	Alabama	Arizona
Maine	Indiana	Kansas	Dist. of Col.	Kentucky	Colorado
Massachusetts	Michigan	Minnesota	Florida	Mississippi	Idaho
New Hampshire	Ohio	Missouri	Georgia	Tennessee	Montana
Rhode Island	Wisconsin	Nebraska	Maryland	N. Carolina	Nevada
Vermont		North Dakota	N. Carolina	7. W. S. Central	New Mexico
2. Middle Atlantic		South Dakota	S. Carolina	Arkansas	Utah
New Jersey			Virginia	Louisiana	Wyoming
New York			W. Virginia	Oklahoma	9. Pacific
Pennsylvania				Texas	California
					Oregon
					Washington

NONFARM POPULATION DISTRIBUTION IN 1950

NORTHEAST—29.5 percent.

NORTH CENTRAL—29.0 percent.

SOUTH—27.7 percent.

WEST—13.8 percent.

Table A-3: New Construction Put in Place: Seasonally Adjusted Annual Rate, by Type of Construction

(Value, in millions of dollars)

Type of construction	Seasonally adjusted annual rate								Annual total	
	1959				1960					
	Mar.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1958	1959	
TOTAL NEW CONSTRUCTION	55,908	51,756	50,652	51,972	^r 53,868	^r 54,456	52,872	48,903	54,258	
PRIVATE CONSTRUCTION	37,896	37,548	37,020	37,728	^r 38,532	^r 38,760	37,548	33,491	38,281	
Residential buildings (nonfarm)	22,404	21,732	20,976	21,120	^r 21,648	^r 21,408	20,580	18,047	22,322	
Nonresidential buildings	8,220	8,616	8,772	9,228	9,564	^r 9,996	9,756	8,675	8,726	
Industrial	1,872	2,028	2,160	2,352	2,436	^r 2,616	2,580	2,382	2,008	
Commercial	3,660	3,816	3,804	3,972	4,140	^r 4,356	4,128	3,589	3,914	
Office buildings and warehouses	1,968	1,884	1,872	1,992	2,136	^r 2,160	2,136	2,013	1,968	
Stores, restaurants, and garages	1,692	1,932	1,932	1,980	2,004	^r 2,196	1,992	1,576	1,946	
Other nonresidential buildings	2,688	2,772	2,808	2,904	2,988	3,024	3,048	2,704	2,804	
Farm construction	1,632	1,860	1,896	1,932	1,644	1,596	1,596	1,475	1,750	
Public utilities	5,448	5,076	5,088	5,136	5,340	^r 5,460	5,340	5,105	5,273	
All other private	192	264	288	312	336	300	276	189	210	
PUBLIC CONSTRUCTION	18,012	14,208	13,632	14,244	^r 15,336	^r 15,696	15,324	15,412	15,977	
Residential buildings	1,260	696	660	708	696	732	768	846	958	
Nonresidential buildings	4,728	4,056	3,960	4,164	^r 4,308	^r 4,452	4,320	4,653	4,436	
Military facilities	1,596	1,140	1,260	1,332	^r 1,140	^r 1,116	1,092	1,402	1,433	
Highways	7,152	5,016	4,572	4,572	5,796	5,772	5,784	5,500	5,800	
Sewer and water systems	1,416	1,464	1,476	1,536	1,536	^r 1,536	1,488	1,387	1,455	
Sewer	888	888	888	924	960	^r 948	924	836	901	
Water	528	576	588	612	576	588	564	551	554	
Public service enterprises	456	564	588	588	552	^r 612	552	451	556	
Conservation and development	1,176	1,092	924	1,140	^r 1,092	^r 1,248	1,140	1,019	1,121	
All other public	228	180	192	204	216	228	180	154	218	

Source: Department of Commerce, Bureau of the Census. ^rRevised.

Table A-4: New Construction Put in Place: Value in 1947-49 Prices, by Type of Construction

(Millions of dollars)

Type of construction	1959				1960				Annual total			
	Feb.	Oct.	Nov.	Dec.	Jan.	Feb.	1955	1956	1957	1958	1959	
TOTAL NEW CONSTRUCTION	2,502	3,449	3,085	2,828	^r 2,556	2,408	35,334	34,681	34,944	35,418	38,436	
PRIVATE CONSTRUCTION	1,748	2,396	2,278	2,107	^r 1,864	1,773	25,661	24,805	24,469	23,964	26,674	
Residential buildings (nonfarm)	1,013	1,471	1,373	1,237	^r 1,061	968	15,078	13,648	12,903	13,555	16,232	
Nonresidential buildings	438	518	529	529	^r 507	508	6,007	6,594	6,805	6,046	5,897	
Industrial	111	118	128	138	^r 144	148	1,941	2,306	2,506	2,506	1,679	1,389
Office buildings & warehouses	106	114	115	118	115	111	1,054	1,294	1,389	1,417	1,341	
Stores, restaurants, & garages	78	119	121	110	91	97	1,472	1,441	1,186	1,085	1,297	
Other nonresidential buildings	143	167	165	163	157	152	1,540	1,553	1,724	1,865	1,870	
Farm construction	79	116	102	90	75	77	1,344	1,252	1,249	1,150	1,320	
Public utilities	211	278	261	238	^r 208	209	3,119	3,230	3,384	3,096	3,101	
All other private	7	13	13	13	13	11	113	81	128	117	124	
PUBLIC CONSTRUCTION	754	1,053	807	721	^r 692	635	9,673	9,876	10,475	11,454	11,762	
Residential buildings	72	46	43	44	41	41	213	225	383	637	701	
Nonresidential buildings	222	245	212	212	^r 215	201	3,274	3,017	3,193	3,214	2,971	
Industrial	19	23	23	23	24	20	588	339	333	289	252	
Educational	134	144	122	126	129	120	1,888	1,891	2,003	1,982	1,760	
Hospital and institutional	20	23	21	20	19	18	232	220	250	267	281	
Other nonresidential buildings	49	55	46	43	^r 43	43	566	567	607	676	678	
Military facilities	66	84	78	70	^r 57	48	1,063	1,059	955	1,028	1,032	
Highways	274	502	324	250	244	218	3,633	3,851	4,146	4,731	5,088	
Sewer and water systems	59	75	70	68	66	60	769	859	865	857	863	
Public service enterprises	14	30	25	21	^r 20	18	157	240	232	261	312	
Conservation and development	38	61	46	48	^r 41	42	497	556	625	633	665	
All other public	9	10	9	8	8	7	67	69	76	93	130	

Source: Department of Commerce, Bureau of the Census. ^rRevised.

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Table A-5: New Public Construction Put in Place, by Source of Funds, Ownership, and Type of Construction

Source of funds, ownership, and type of construction	Value (in millions of dollars)								Percent change		
	1959			1960			First 3 months		Mar. 1960 from		First 3 months; 1959-60
	Mar.	Nov.	Dec.	Jan.	Feb.	Mar.	1959	1960	Mar. 1959	Feb. 1960	
TOTAL PUBLIC CONSTRUCTION	1,126	1,119	1,013	974	899	967	3,288	2,840	-14	+8	-14
Federal funds	432	460	395	337	319	327	1,263	983	-24	+3	-22
Direct Federal	277	273	260	224	208	213	808	645	-23	+2	-20
Federal grants-in-aid ¹	155	187	135	113	111	114	455	338	-26	+3	-26
State and local funds	694	659	618	637	580	640	2,025	1,857	-8	+10	-8
FEDERALLY OWNED	277	273	260	224	208	213	808	645	-23	+2	-20
Residential buildings	52	25	24	24	23	24	152	71	-54	+4	-53
Nonresidential buildings	50	53	51	51	46	47	148	144	-6	+2	-3
Industrial	29	34	33	35	29	29	86	93	0	0	+8
Educational	2	1	1	1	1	1	5	3	-50	0	-40
Hospital	4	5	4	4	4	5	10	13	+25	+25	+30
Administrative and service	13	9	10	8	9	9	41	26	-31	0	-37
Other nonresidential	2	4	3	3	3	3	6	9	+50	0	+50
Military facilities	100	109	98	80	68	68	298	216	-32	0	-28
Highways	7	14	13	8	8	8	22	24	+14	0	+9
Conservation and development	66	68	71	59	61	64	182	184	-3	+5	+1
All other federally owned	2	4	3	2	2	2	6	6	0	0	0
STATE AND LOCALLY OWNED	849	846	753	750	691	754	2,480	2,195	-11	+9	-11
Residential buildings	44	34	37	33	34	34	135	101	-23	0	-25
Nonresidential buildings	316	268	269	275	259	287	903	821	-9	+11	-9
Educational	216	184	190	195	181	199	633	575	-8	+10	-9
Hospital	33	27	26	25	24	26	86	75	-21	+8	-13
Administrative and service	34	27	25	26	25	29	92	80	-15	+16	-13
Other nonresidential	33	30	28	29	29	33	92	91	0	+14	-1
Highways	321	356	273	272	242	257	973	771	-20	+6	-21
Sewer and water systems	110	120	116	113	104	116	311	333	+5	+121	+7
Sewer	68	74	73	70	64	71	194	205	+4	+11	+6
Water	42	46	43	43	40	45	117	128	+7	+13	+9
All other State and locally owned	58	68	58	57	52	60	158	169	+3	+15	+7

Source: Department of Commerce, Bureau of the Census. ¹Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities. ^aRevised.

Part B--Housing

Table B-1: New Nonfarm Dwelling Units Started, by Ownership, Location, and Type of Structure

Period	Total	Ownership		Location ¹		Type of structure		
		Private	Public	Metro-	Nonmetro-	1-family houses	Units in 2-or-more family structures	
				politan	politan		All	2-4 family
NUMBER OF NEW DWELLING UNITS (in thousands)								
Year: 1951.....	1,091.3	1,020.1	71.2	776.8	314.5	900.1	191.2	(²)
1952.....	1,127.0	1,068.5	58.5	794.9	332.1	942.5	184.5	(²)
1953.....	1,103.8	1,068.3	35.5	803.5	300.3	937.8	166.0	(²)
1954.....	1,220.4	1,201.7	18.7	896.9	325.3	1,077.9	142.5	51.9
1955.....	1,328.9	1,309.5	19.4	975.8	353.1	1,194.4	134.5	49.2
1956.....	1,118.1	1,093.9	24.2	779.8	338.3	989.7	128.4	46.4
1957.....	1,041.9	992.8	49.1	699.7	342.2	872.7	169.2	51.8
1958.....	1,209.4	1,141.5	67.9	827.0	382.4	975.1	234.3	62.9
1959.....	1,378.5	^t 1,342.8	^t 35.7	946.1	432.4	1,094.6	283.9	78.8
First 2 months, 1959.....	181.5	177.6	3.9	123.5	58.0	139.0	42.5	10.5
First 2 months, 1960.....	152.5	149.2	3.3	106.7	45.8	(³)	(³)	(³)
1959: February.....	94.5	93.5	1.0	61.6	32.9	74.9	19.6	5.1
March.....	121.0	118.1	2.9	81.2	39.8	95.1	25.9	7.7
April.....	142.2	137.4	4.8	97.0	45.2	110.1	32.1	7.9
May.....	137.0	133.5	3.5	94.1	42.9	109.3	27.7	7.4
June.....	136.7	131.1	5.6	93.1	43.6	109.5	27.2	8.0
July.....	128.8	127.2	1.6	88.3	40.5	106.5	22.3	6.2
August.....	129.3	125.1	4.2	86.0	43.3	107.2	22.1	6.3
September.....	120.3	116.9	3.4	82.7	37.6	96.5	23.8	7.2
October.....	105.5	102.2	3.3	75.3	30.2	84.7	20.8	6.6
November.....	92.5	90.7	1.8	65.5	27.0	72.5	20.0	5.9
December.....	83.7	^t 83.0	^t 0.7	59.4	24.3	64.2	19.5	5.1
1960: January.....	75.9	74.8	1.1	52.9	23.0	(³)	(³)	(³)
February.....	76.6	74.4	2.2	53.8	22.8	(³)	(³)	(³)
Percent change								
First 2 months, 1959-60	- 16.0	- 16.0	- 15.4	- 13.6	- 21.0	.....	.....	.....
Jan.-Feb. 1960.....	+ 0.9	- 0.5	+ 200.0	+ 1.7	- 0.8	.....	.....	.....
February 1959-60.....	- 18.9	- 20.4	+ 220.0	- 12.7	- 30.7	.....	.....	.....
PERCENT DISTRIBUTION								
Year: 1951.....	100	93.5	6.5	71.2	28.8	82.5	17.5	.....
1952.....	100	94.8	5.2	70.5	29.5	83.6	16.4	.....
1953.....	100	96.8	3.2	72.8	27.2	85.0	15.0	.....
1954.....	100	98.5	1.5	73.5	26.5	88.3	11.7	4.3
1955.....	100	98.5	1.5	73.4	26.6	89.9	10.1	3.7
1956.....	100	97.8	2.2	69.7	30.3	88.5	11.5	4.2
1957.....	100	95.3	4.7	67.2	32.8	83.8	16.2	5.0
1958.....	100	94.4	5.6	68.4	31.6	80.6	19.4	5.2
1959.....	100	97.4	2.6	68.6	31.4	79.4	20.6	5.7
First 2 months, 1959.....	100	97.9	2.1	68.0	32.0	76.6	23.4	5.8
First 2 months, 1960.....	100	97.8	2.2	70.0	30.0	(³)	(³)	(³)
1959: February.....	100	98.9	1.1	65.2	34.8	79.3	20.7	5.4
March.....	100	97.6	2.4	67.1	32.9	78.6	21.4	6.4
April.....	100	96.6	3.4	68.2	31.8	77.4	22.6	5.6
May.....	100	97.4	2.6	68.7	31.3	79.8	20.2	5.4
June.....	100	95.9	4.1	68.1	31.9	80.1	20.0	5.9
July.....	100	98.8	1.2	68.6	31.4	82.7	17.3	4.8
August.....	100	96.8	3.2	66.5	33.5	82.9	17.1	4.9
September.....	100	97.2	2.8	68.7	31.3	80.2	19.8	6.0
October.....	100	96.9	3.1	71.4	28.6	80.3	19.7	6.3
November.....	100	98.1	1.9	70.8	29.2	78.4	21.6	6.4
December.....	100	99.2	0.8	71.0	29.0	76.7	23.3	6.1
1960: January.....	100	98.6	1.4	69.7	30.3	(³)	(³)	(³)
February.....	100	97.1	2.9	70.2	29.8	(³)	(³)	(³)

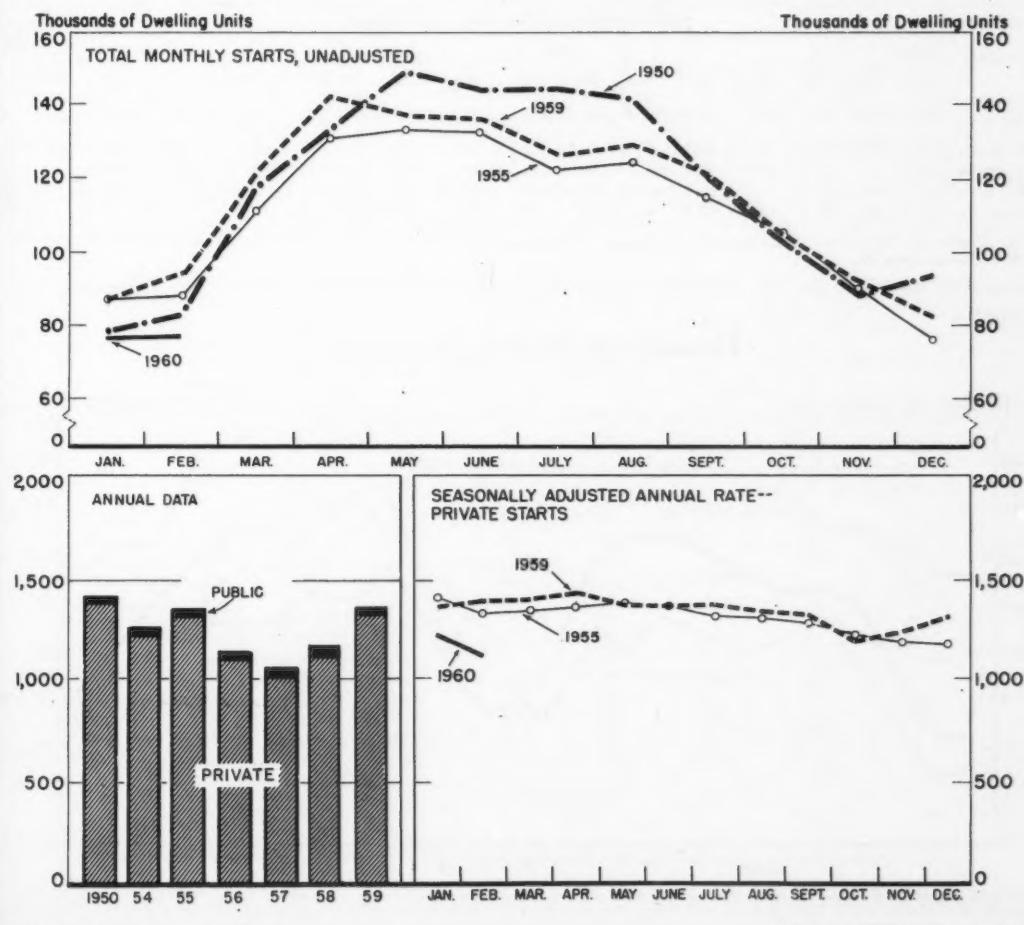
Source: Department of Commerce, Bureau of the Census. ¹ Annual data for metropolitan-nonmetropolitan areas not available before 1950; monthly data not available before January 1953. Data by urban and rural-nonfarm classification for 1920-53 available upon request. ² Not available prior to January 1954. Tabulations showing the number of units in 2-family and 3-or-more family structures for 1920-1953 available upon request. ³ Not yet available. ^t Revised.

Table B-2: New Private Nonfarm Dwelling Units Started: Seasonally Adjusted Annual Rate

Year	Number of new dwelling units (in thousands)											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1948.....	928	813	950	1,027	997	993	975	897	863	802	806	813
1949.....	800	779	803	892	911	935	964	1,028	1,092	1,149	1,244	1,266
1950.....	1,310	1,300	1,405	1,382	1,457	1,482	1,468	1,486	1,271	1,142	1,107	1,292
1951.....	1,360	1,171	1,071	975	984	941	918	961	1,054	1,012	970	973
1952.....	1,001	1,112	1,072	1,028	1,029	1,016	1,080	1,066	1,101	1,131	1,104	1,097
1953.....	1,104	1,092	1,128	1,134	1,083	1,071	1,036	1,007	1,029	1,034	1,068	1,039
1954.....	1,051	1,100	1,103	1,116	1,102	1,180	1,220	1,226	1,273	1,275	1,376	1,443
1955.....	1,410	1,324	1,349	1,363	1,381	1,372	1,316	1,311	1,285	1,214	1,176	1,174
1956.....	1,195	1,127	1,094	1,157	1,146	1,091	1,070	1,136	1,008	1,052	1,027	1,020
1957.....	962	935	933	962	994	995	1,015	1,056	1,012	1,020	1,009	1,000
1958.....	1,020	915	918	983	1,039	1,057	1,174	1,228	1,255	1,303	1,427	1,432
1959.....	1,364	1,403	1,403	1,434	1,370	1,368	1,375	1,340	1,323	1,180	1,210	1,330
1960.....	1,210	1,115										

Source: Department of Commerce, Bureau of the Census.

Chart 3.

Housing Starts (Unadjusted and Seasonally Adjusted)

SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.D.-60-10-C

Table B-3: New Private 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
AVERAGE CONSTRUCTION COST													
1948.....	\$7,250	\$7,450	\$7,550	\$7,775	\$7,950	\$8,050	\$8,050	\$8,100	\$7,900	\$7,825	\$7,900	\$7,900	\$7,850
1949.....	7,650	7,525	7,450	7,500	7,650	7,675	7,525	7,650	7,725	7,675	7,675	7,625	7,625
1950.....	7,625	7,850	8,225	8,450	8,450	8,750	8,875	9,125	8,900	9,200	9,075	9,200	8,675
1951.....	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952.....	9,050	9,275	9,350	9,550	9,575	9,675	9,500	9,425	9,600	9,525	9,550	9,525	9,475
1953.....	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,950
1954.....	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955.....	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,350
1956.....	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957.....	12,600	12,800	12,950	13,025	13,250	13,150	13,050	12,925	13,075	13,375	13,000	12,925	13,025
1958.....	12,775	12,875	13,000	13,100	13,150	13,025	13,025	12,550	12,925	13,125	12,925	12,800	12,950
1959.....	12,450	12,300	13,250	13,650	13,750	13,725	13,550	13,600	13,700	13,800	13,700	13,450	13,410
Percent change, 1958 to 1959													
	-2.5	-4.5	+1.9	+4.2	+4.6	+5.3	+4.0	+8.4	+6.0	+5.1	+6.0	+5.1	+3.6

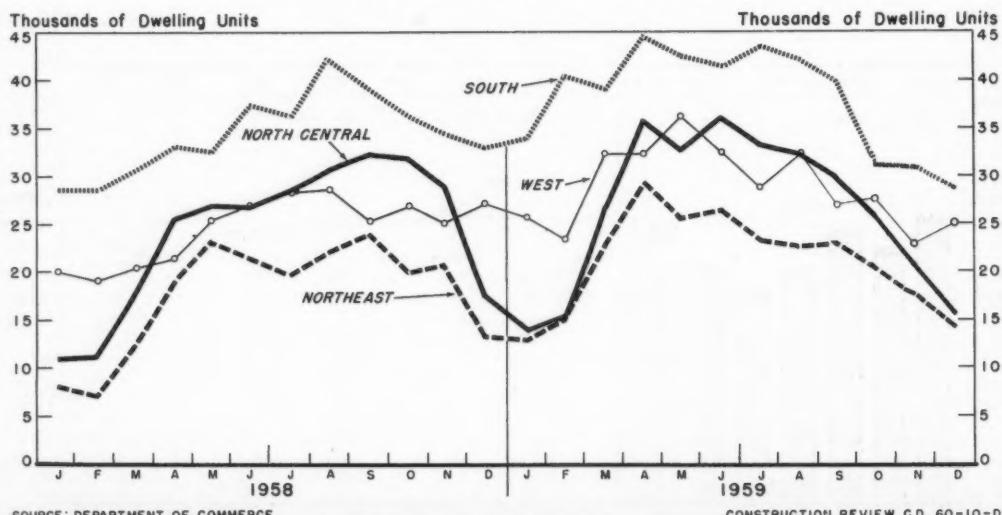
Source: Department of Commerce, Bureau of the Census.

Table B-4: New Nonfarm Dwelling Units Started, by Region¹

Region	Number of new dwelling units (in thousands)													Percent change, year 1958-59		
	1958						1959						Year			
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1958	1959	
TOTAL.....	91.2	87.0	94.5	121.0	142.2	137.0	136.7	128.8	129.3	120.3	105.5	92.5	83.7	1,209.4	1,378.5	+14.0
Northeast.....	13.3	13.0	15.1	22.9	29.3	25.5	26.5	23.2	22.7	22.9	20.3	17.7	14.3	210.9	253.4	+20.2
North Central...	17.6	14.1	15.4	26.7	36.0	32.7	36.3	33.3	32.2	29.9	25.7	20.6	15.6	289.6	318.5	+10.0
South.....	33.1	34.1	40.6	39.1	44.6	42.3	41.4	43.4	42.0	39.8	31.9	31.1	28.7	413.3	459.0	+11.1
West.....	27.2	25.8	23.4	32.3	32.3	36.5	32.5	28.9	32.4	27.7	27.6	23.1	25.1	295.6	347.6	+17.6

Source: Department of Commerce, Bureau of the Census. ¹ Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

Chart 4.

Housing Starts, By Region

(NOTICE: The Bureau of the Census has announced that the series "New Nonfarm Dwelling Units Started in Selected States" scheduled for publication in CONSTRUCTION REVIEW in February, May, August and November, has been discontinued. Problems associated with its resumption are not expected to be resolved until early in 1960. These data were previously shown in Table B-5.)

Table B-6: New Private Dwelling Units: Volume in Successive Stages of FHA and VA Programs

Period	Number (in thousands) of new dwelling units in--								Percent of total private starts under inspection of--	
	FHA applications		VA appraisal requests	Starts under inspection of--		FHA mortgages insured		VA loans closed		
	Total	Excluding Capehart ¹		FHA	VA	Total	Excluding Capehart ¹	FHA	VA	
Year: 1955.....	314.9	313.5	620.8	276.7	392.9	139.8	139.8	387.6	21	30
1956.....	227.6	219.4	401.5	189.3	270.7	116.2	110.9	313.5	17	25
1957.....	266.1	229.7	159.4	168.4	128.3	118.0	92.6	218.8	17	13
1958.....	434.1	395.9	234.2	295.4	102.1	198.7	157.0	94.0	26	9
1959.....	440.8	420.9	234.0	330.7	109.3	244.0	227.8	145.3	25	8
1959: February.....	35.8	34.6	21.0	20.0	6.2	18.1	18.1	12.6	21	7
March.....	45.2	43.6	23.2	30.0	9.7	19.1	18.7	14.5	25	8
April.....	46.9	45.4	18.9	33.5	11.0	20.9	19.7	12.8	24	8
May.....	44.8	41.4	20.7	34.3	10.3	20.7	18.6	11.6	26	8
June.....	72.0	62.7	27.2	34.7	11.0	21.3	20.5	11.7	26	8
July.....	32.3	31.6	26.1	31.4	10.6	21.4	19.2	11.9	25	8
August.....	27.8	27.8	21.2	31.1	9.9	21.0	17.5	10.6	25	8
September.....	30.5	29.3	17.9	29.6	10.0	21.2	19.4	11.0	25	9
October.....	27.3	27.3	16.7	26.6	9.4	21.0	20.1	11.5	26	9
November.....	21.5	21.5	12.2	20.1	7.9	20.7	18.0	10.9	22	9
December.....	27.1	27.1	11.1	19.8	6.4	18.8	18.8	12.1	24	8
1960: January.....	22.5	22.0	11.2	15.9	4.1	18.5	18.2	10.2	21	5
February.....	24.8	24.6	12.9	17.4	4.8	17.4	(2)	(2)	23	6
First 2 months:										
1959.....	65.3	63.3	38.9	39.7	13.1	37.9	37.2	26.7	22	7
1960.....	47.3	46.6	24.0	33.3	8.9	35.9	.....	.....	22	6
Percent change, 1959 to 1960...	-27.6	-26.5	-38.2	-16.3	-32.0	-5.3	.....	.....	.....	.....

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. ¹ Excludes units under the armed services (Capehart) housing program, which are classified as public and whose inspection while under construction is under the auspices of the Department of Defense. ² Not yet available.

^a Revised.

Table B-7: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Average Amount, and Total Amount by Type of Lender

Period	Total number (in thousands)	Average amount (dollars)	Total amount (in millions of dollars) recorded by--							All other lenders
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals		
Year: 1955.....	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362	5,265	
1956.....	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917	
1957.....	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554	4,307	
1958.....	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435	5,133	
1959.....	3,782	8,522	32,235	13,094	1,523	5,832	1,780	3,946	6,060	
1959: January.....	278	8,474	2,352	870	121	454	123	300	484	
February.....	270	8,321	2,245	865	106	427	113	284	450	
March.....	307	8,418	2,586	1,059	116	492	112	318	489	
April.....	326	8,513	2,776	1,148	115	553	125	333	502	
May.....	326	8,488	2,768	1,151	112	534	140	339	492	
June.....	342	8,687	2,974	1,261	120	543	168	338	544	
July.....	357	8,673	3,100	1,286	138	562	187	367	560	
August.....	334	8,584	2,871	1,203	137	505	167	336	522	
September.....	330	8,578	2,834	1,184	136	481	172	340	521	
October.....	329	8,501	2,799	1,152	146	463	167	349	522	
November.....	288	8,476	2,442	952	137	409	152	314	478	
December.....	293	8,472	2,487	963	138	410	152	327	497	
1960: January.....	248	8,401	2,079	777	107	343	115	310	427	
Percent change										
Jan. 1959-60.....	-11	-1	-12	-11	-12	-24	-7	+3	-12	

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Federal Home Loan Bank Board.

(NOTE: Tables B-8 and B-9, Housing Vacancy Rates, are shown quarterly in the February, May, August, and November issues.)

Part C—Building Permits

Table C-1: Building Permit Activity: Current Summary, by Type of Building Construction

Type of building construction	Valuation (in millions of dollars)						Percent change	
	1960		1959		Year		Jan. 1959-60	Year 1958-59
	Jan.	Dec.	Nov.	Jan.	1959	1958		
All building construction ¹	1,243.3	^r 1,447.7	1,429.6	^r 1,370.3	^r 22,449.4	20,089.9	- 9	+ 12
Private	1,071.2	^r 1,254.8	1,280.2	^r 1,176.3	^r 20,020.9	17,270.5	- 9	+ 16
Public	172.2	192.9	149.4	^r 194.0	2,428.5	2,819.4	- 11	- 14
New dwelling units ²	629.9	^r 733.7	774.3	^r 737.0	^r 12,485.7	10,795.8	- 15	+ 16
Number of new dwelling units	(57,724)	^r (67,089)	(69,668)	^r (71,423)	^r (1,122,408)	^r (1,002,776)	(- 19)	(+ 12)
New nonresidential building	468.9	^r 538.9	481.0	^r 492.2	^r 7,514.1	7,173.2	- 5	+ 5
Commercial buildings	153.2	193.5	156.2	^r 203.7	2,683.9	2,446.1	- 25	+ 10
Stores and other mercantile buildings	83.4	82.7	88.8	^r 86.7	1,166.2	998.5	- 4	+ 17
All other commercial buildings	69.8	110.8	67.4	^r 117.0	1,517.7	1,477.6	- 40	+ 5
Community buildings	176.6	169.2	178.2	170.7	2,603.0	2,684.2	+ 3	- 3
Industrial buildings	59.5	69.6	75.8	^r 52.5	995.0	875.2	+ 13	+ 14
All other nonresidential buildings	79.7	^r 106.5	70.9	^r 65.4	^r 1,232.2	1,167.6	+ 22	^r 6
Additions and alterations	129.2	143.7	141.5	^r 122.9	2,148.3	1,915.6	+ 5	+ 12

Source: Department of Commerce, Bureau of the Census.

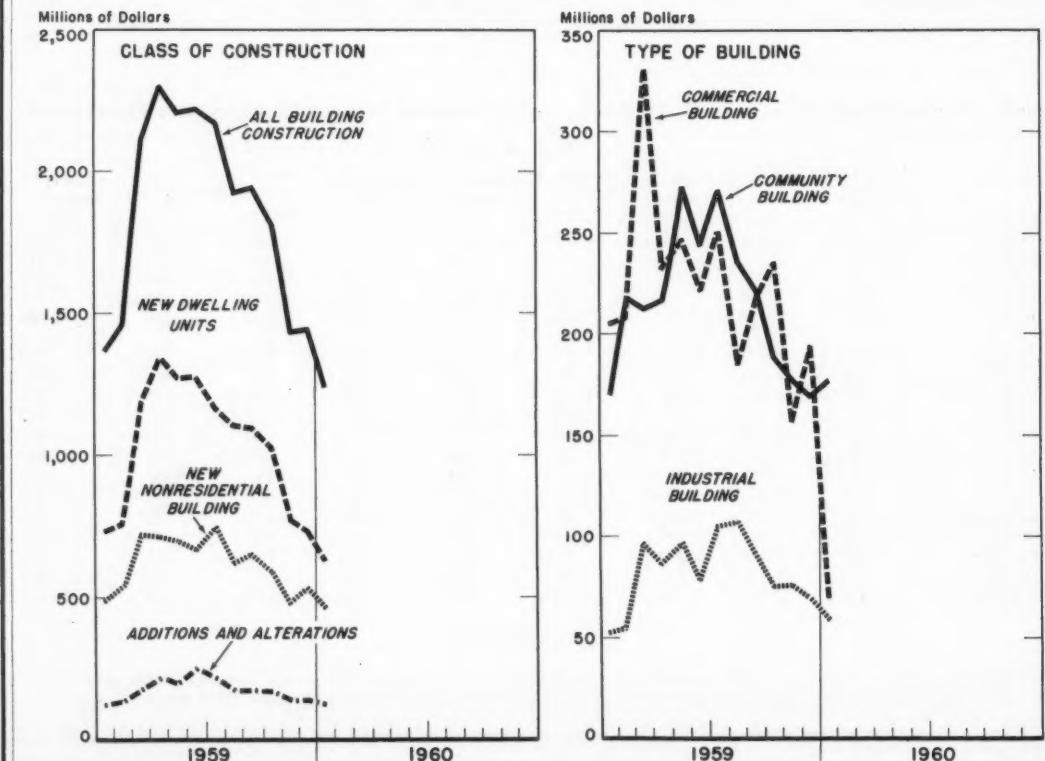
¹ Includes new nonhousekeeping residential building, not shown separately.

² Housekeeping only.

^r Revised.

Chart 5.

Building Permit Activity



SOURCE: DEPARTMENT OF COMMERCE.

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Table C-2: Building Permit Activity: Total Valuation, by Type of Building Construction and Region¹

Class of construction and Type of building construction	Valuation (in millions of dollars)						Percent change, year 1958-59	
	1958		1959		Year			
	Dec.	Oct.	Nov.	Dec.	1958	1959		
UNITED STATES								
All building construction ²	\$ 1,337.5	1,808.3	1,429.6	1,447.7	20,089.9	22,449.4	+ 12	
New dwelling units ³	\$ 735.4	1,024.7	774.3	733.7	10,795.8	12,485.7	+ 16	
New nonresidential building	462.8	589.7	481.0	538.9	7,173.2	7,514.1	+ 5	
Commercial buildings	162.3	235.4	156.2	193.5	2,446.1	2,683.9	+ 10	
Amusement buildings	11.3	12.8	9.5	19.4	192.9	223.7	+ 16	
Commercial garages .....	.7	5.7	2.4	3.4	56.0	51.9	- 7
Gasoline and service stations.....	8.9	11.3	9.3	9.9	125.5	129.1	+ 3	
Office buildings.....	69.9	112.8	46.1	78.1	1,073.2	1,113.1	+ 4	
Stores and other mercantile bldgs.....	70.5	92.8	88.8	82.7	\$ 998.5	1,166.2	+ 17	
Community buildings.....	181.9	189.0	178.2	169.2	2,684.2	2,803.0	- 3	
Educational buildings.....	99.7	115.4	105.2	105.3	1,644.3	1,513.6	- 8	
Institutional buildings	50.4	32.4	39.1	31.3	569.5	576.8	+ 1	
Religious buildings.....	31.8	41.3	33.9	32.6	470.4	512.6	+ 9	
Garages, private residential	6.0	22.0	12.3	6.9	178.7	203.8	+ 14	
Industrial buildings.....	47.9	75.4	75.8	69.6	875.2	995.0	+ 14	
Public utilities buildings	27.2	33.0	20.3	17.8	424.6	357.2	- 16	
All other nonresidential buildings	37.5	34.8	38.3	81.8	564.3	671.2	+ 19	
Additions and alterations.....	124.3	173.6	141.5	143.7	1,915.6	2,148.3	+ 12	
Northeast								
All building construction ²	269.2	391.4	322.9	265.1	3,920.7	4,745.3	+ 21	
New dwelling units ³	131.3	219.6	169.7	140.6	2,036.0	2,489.6	+ 22	
New nonresidential building	109.5	127.5	105.1	89.8	1,453.9	1,714.7	+ 18	
Commercial buildings	57.4	47.9	27.7	32.8	479.3	665.7	+ 39	
Amusement buildings	2.3	4.0	2.4	3.7	42.3	58.4	+ 38	
Commercial garages .....	.7	1.1	1.6	1.0	28.4	19.9	- 30
Gasoline and service stations.....	1.3	1.7	1.5	1.3	20.1	20.7	+ 3	
Office buildings	37.4	18.8	6.9	13.2	208.4	350.9	+ 68	
Stores and other mercantile bldgs.....	15.7	22.3	15.4	13.6	180.0	215.7	+ 20	
Community buildings.....	32.2	47.9	48.9	36.3	566.3	668.3	+ 18	
Educational buildings.....	15.9	30.6	33.7	23.5	352.8	406.3	+ 15	
Institutional buildings	6.3	7.0	7.4	5.3	117.9	145.1	+ 23	
Religious buildings.....	10.0	10.4	7.8	7.5	95.6	117.0	+ 22	
Garages, private residential	1.4	4.9	2.9	1.6	37.3	38.8	+ 4	
Industrial buildings.....	10.8	15.8	18.3	10.0	186.5	210.5	+ 13	
Public utilities buildings	4.1	7.0	1.5	5.9	88.9	60.5	- 32	
All other nonresidential buildings	3.5	4.1	5.7	3.3	95.7	70.8	- 26	
Additions and alterations.....	25.6	38.2	31.5	29.4	399.7	475.8	+ 19	
North Central								
All building construction ²	\$ 307.3	502.8	333.0	336.2	5,533.0	5,792.1	+ 5	
New dwelling units ³	\$ 158.5	283.7	187.4	151.3	2,914.6	3,284.2	+ 13	
New nonresidential building	120.3	169.1	106.7	139.9	2,095.1	1,906.1	- 9	
Commercial buildings	27.9	53.1	32.1	57.3	571.9	560.8	- 2	
Amusement buildings	2.8	2.8	2.9	8.2	60.7	45.5	- 25	
Commercial garages .....	.1	1.7	.1	1.1	11.4	11.1	- 3
Gasoline and service stations.....	2.5	3.3	2.5	2.9	37.8	36.7	- 3	
Office buildings	7.9	24.3	12.1	24.4	205.4	199.2	- 3	
Stores and other mercantile bldgs.....	14.6	21.0	14.6	20.8	256.6	268.4	+ 5	
Community buildings	65.3	56.5	39.3	38.9	861.4	687.0	- 20	
Educational buildings	32.9	33.7	16.1	22.8	489.4	364.1	- 26	
Institutional buildings	25.7	11.2	15.1	8.7	219.9	178.1	- 19	
Religious buildings.....	6.6	11.6	8.1	7.4	152.1	144.8	- 5	
Garages, private residential	1.7	12.7	5.8	2.4	92.7	113.0	+ 22	
Industrial buildings.....	15.1	29.2	16.8	30.5	369.7	335.7	- 9	
Public utilities buildings	4.8	9.0	4.6	3.9	86.3	94.5	+ 10	
All other nonresidential buildings	5.5	8.6	8.2	6.8	113.0	115.1	+ 2	
Additions and alterations.....	26.8	45.0	33.2	34.4	490.9	534.0	+ 9	

See footnotes at end of table.

Table C-2: Building Permit Activity: Total Valuation, by Type of Building Construction and Region¹—Continued

Class of construction and Type of building construction	Valuation (in millions of dollars)						Percent change, year 1958-59	
	1958		1959		Year			
	Dec.	Oct.	Nov.	Dec.	1958	1959		
South								
All building construction ²	\$ 367.3	426.4	375.3	382.2	5,421.6	5,760.9	+ 6	
New dwelling units ³	205.0	222.2	198.5	193.4	2,922.0	3,143.5	+ 8	
New nonresidential building.....	123.5	157.3	135.3	145.3	1,903.1	1,972.6	+ 4	
Commercial buildings.....	38.1	83.9	47.5	49.1	762.2	801.3	+ 5	
Amusement buildings.....	2.2	2.5	2.2	4.7	45.4	59.5	+ 31	
Commercial garages.....	.1	.9	.6	1.1	7.5	8.4	+ 12	
Gasoline and service stations.....	2.8	3.1	3.0	3.2	40.0	39.8	- 1	
Office buildings.....	9.6	49.3	14.8	13.1	345.3	300.1	- 13	
Stores and other mercantile bldgs.....	23.3	28.0	26.9	27.0	324.0	393.5	+ 21	
Community buildings.....	55.1	46.4	48.3	57.2	725.4	703.5	- 3	
Educational buildings.....	31.4	28.8	24.7	37.6	444.2	398.8	- 10	
Institutional buildings.....	14.0	6.3	10.1	9.0	137.3	151.7	+ 10	
Religious buildings.....	9.8	11.2	13.5	10.6	143.9	153.0	+ 6	
Garages, private residential.....	1.0	2.0	1.5	1.3	19.7	22.1	+ 12	
Industrial buildings.....	9.3	10.5	23.1	9.1	137.7	179.8	+ 31	
Public utilities buildings.....	12.9	6.7	8.0	3.3	133.2	100.7	- 24	
All other nonresidential buildings.....	7.0	7.8	6.8	25.4	124.9	165.3	+ 32	
Additions and alterations.....	33.9	43.3	36.3	37.5	530.8	564.9	+ 6	
West								
All building construction ²	393.7	487.6	398.3	464.2	5,214.6	6,151.0	+ 18	
New dwelling units ³	240.6	299.4	218.8	248.3	2,923.2	3,568.4	+ 25	
New nonresidential building.....	109.6	135.7	135.9	163.9	1,721.0	1,920.6	+ 12	
Commercial buildings.....	38.9	50.6	48.8	54.3	632.7	656.0	+ 4	
Amusement buildings.....	3.9	3.4	2.1	2.8	44.4	60.3	+ 36	
Commercial garages.....	.7	2.1	.2	.2	8.8	12.5	+ 42	
Gasoline and service stations.....	2.3	3.2	2.3	2.6	27.6	31.9	+ 16	
Office buildings.....	15.1	20.4	12.3	27.4	314.2	262.8	- 16	
Stores and other mercantile bldgs.....	16.9	21.5	31.9	21.3	237.8	288.6	+ 21	
Community buildings.....	29.3	38.1	41.7	36.9	531.1	544.2	+ 2	
Educational buildings.....	19.4	22.2	30.7	21.5	357.9	344.4	- 4	
Institutional buildings.....	4.4	7.8	6.5	8.3	94.4	101.9	+ 8	
Religious buildings.....	5.5	8.1	4.5	7.0	78.8	97.9	+ 24	
Garages, private residential.....	2.0	2.5	2.0	1.6	28.9	29.8	+ 3	
Industrial buildings.....	12.7	19.9	17.6	20.1	181.3	269.0	+ 48	
Public utilities buildings.....	5.4	10.3	6.2	4.7	116.2	101.6	- 13	
All other nonresidential buildings.....	21.4	14.3	17.6	46.3	230.8	320.0	+ 39	
Additions and alterations.....	38.0	47.1	40.4	42.3	494.2	573.6	+ 16	

Source: Department of Commerce, Bureau of the Census.

¹ Composition of regions, and nonfarm population distribution by region, are shown below table A-2. ² Includes new nonhousekeeping residential building, not shown separately. ³ Housekeeping only.^a Revised.

Table C-3: Building Permit Activity: Number of Nonresidential Buildings, by Type of Building

Type of construction	1958		1959						Dec.
	Dec.	May	June	July	Aug.	Sept.	Oct.	Nov.	
Amusement buildings.....	178	373	352	339	277	267	213	168	187
Commercial garages.....	51	95	153	153	129	188	122	77	72
Educational buildings.....	269	491	522	481	474	358	385	319	333
Garages, private residential.....	5,836	23,027	22,927	22,386	22,814	24,801	21,234	11,798	6,513
Gasoline and service stations.....	540	780	764	742	700	714	703	559	595
Industrial buildings.....	880	1,431	1,322	1,340	1,290	1,327	1,379	1,220	1,147
Institutional buildings.....	106	1,167	141	152	141	116	122	100	85
Office buildings.....	511	809	881	881	734	847	757	684	618
Religious buildings.....	380	622	642	630	548	584	525	415	357
Stores and other mercantile buildings.....	1,713	3,042	2,731	2,391	2,292	2,180	2,465	2,049	1,947

Source: Department of Commerce, Bureau of the Census.

Table C-4: Building Permit Activity: Valuation and Number of New Dwelling Units, by Type of Structure, Public-Private Ownership, and Region¹

(Housekeeping units only)

Ownership and type of structure	Valuation (in millions of dollars)					Number of dwelling units				
	1958		1959		Year	1958		1959		Year
	Dec.	Nov.	Dec.	1958	1959	Dec.	Nov.	Dec.	1958	1959
UNITED STATES										
All new dwelling units ..	\$ 735.4	774.3	733.7	10,795.8	12,485.7	69,456	69,668	67,089	1,002,776	1,122,408
Privately owned	\$ 717.8	756.3	722.4	10,304.6	12,183.9	67,802	68,058	66,035	959,584	1,096,406
1-family	599.2	641.3	591.9	8,886.4	10,320.7	50,243	51,344	48,515	748,240	836,669
2-4 family	\$ 32.1	36.8	33.8	\$ 418.8	543.8	\$ 4,695	5,015	4,634	60,097	74,187
5-or-more family	\$ 86.5	78.2	96.7	\$ 999.4	1,319.4	\$ 12,864	11,699	12,886	151,247	185,550
Publicly owned	\$ 17.7	18.0	11.3	\$ 491.2	301.8	\$ 1,654	1,610	1,054	43,192	26,002
Northeast										
All new dwelling units ..	\$ 131.3	169.7	140.6	\$ 2,036.0	2,489.6	11,892	14,302	12,036	181,263	219,264
Privately owned	\$ 121.8	155.4	138.8	\$ 1,857.6	2,374.5	\$ 11,067	13,063	11,880	165,614	208,867
1-family	92.6	126.4	104.0	1,532.6	1,823.3	7,137	9,441	7,952	123,360	141,701
2-4 family	\$ 6.2	10.3	8.5	\$ 76.2	144.7	\$ 811	1,329	1,106	10,178	18,356
5-or-more family	23.0	18.7	26.3	248.8	406.5	3,119	2,293	2,822	32,076	48,810
Publicly owned	9.5	14.3	1.8	178.3	115.0	825	1,239	156	15,649	10,397
North Central										
All new dwelling units ..	\$ 158.5	187.4	151.3	\$ 2,914.6	3,284.2	12,694	14,660	11,591	231,586	253,124
Privately owned	\$ 158.5	186.0	151.3	\$ 2,841.0	3,228.7	\$ 12,694	14,531	11,591	224,907	248,932
1-family	137.8	163.1	133.5	2,567.9	2,886.1	10,208	11,633	9,557	191,244	208,997
2-4 family	6.7	8.7	6.6	110.4	129.6	771	977	759	12,640	14,054
5-or-more family	\$ 14.0	14.2	11.2	\$ 162.7	213.0	\$ 1,715	1,921	1,275	21,023	25,881
Publicly owned	0	1.4	0	\$ 73.6	55.5	0	129	0	6,679	.4,192
South										
All new dwelling units ..	\$ 205.0	198.5	193.4	\$ 2,922.0	3,143.5	21,337	20,491	20,401	303,300	317,681
Privately owned	\$ 197.2	197.0	191.7	\$ 2,792.5	3,088.4	20,541	20,341	20,221	290,903	311,579
1-family	175.4	174.1	162.8	2,523.3	2,782.5	16,701	16,093	15,416	243,064	258,133
2-4 family	5.5	4.3	6.2	76.6	79.3	1,129	741	1,085	14,222	14,413
5-or-more family	16.3	18.6	22.7	192.6	226.6	2,711	3,507	3,720	33,617	39,033
Publicly owned	\$ 7.8	1.5	1.8	\$ 129.4	55.1	\$ 796	150	180	12,397	6,102
West										
All new dwelling units ..	240.6	218.8	248.3	2,923.2	3,568.4	23,533	20,215	23,061	286,627	332,339
Privately owned	240.2	218.0	240.6	\$ 2,813.5	3,492.2	23,500	20,123	22,343	278,160	327,028
1-family	193.4	177.8	191.6	2,262.6	2,828.8	16,197	14,177	15,590	190,572	227,838
2-4 family	13.7	13.5	12.5	155.6	190.1	1,984	1,968	1,684	23,057	27,364
5-or-more family	33.1	26.7	36.5	395.3	473.3	5,319	3,978	5,069	64,531	71,826
Publicly owned .....	.4	.8	7.7	109.8	76.2	33	92	718	8,467	5,311

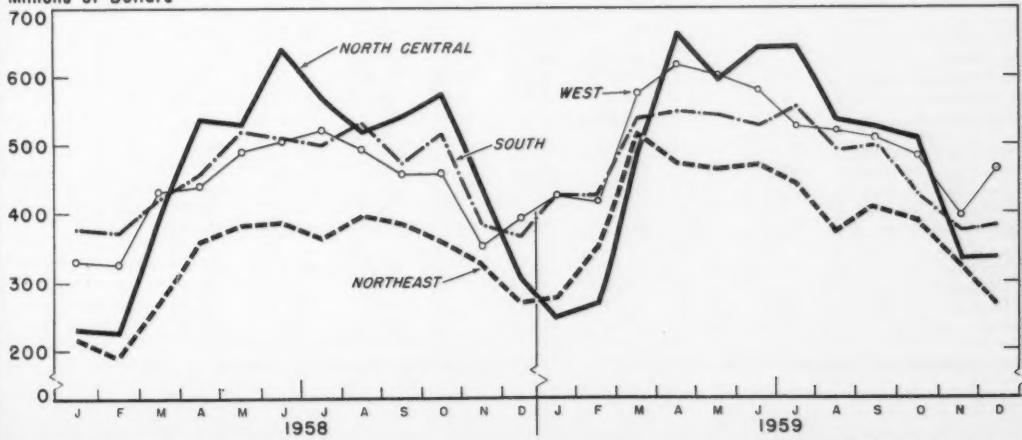
Source: Department of Commerce, Bureau of the Census.

¹ Composition of regions, and nonfarm population distribution by region, are shown below table A-2. ^r Revised.

Chart 6.

Building Permit Activity, By Region

Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW G.D. 60-10-F

Table C-5: Building Permit Activity: Total Valuation, by Metropolitan-Nonmetropolitan Location and by State

State	1958		Valuation (in millions of dollars)								Percent change 1958-59	
			1959		First 11 months		Year		1st 11 mos.	Year		
	Nov.	Dec.	Oct.	Nov.	Dec.	1958	1959	1958	1959			
ALL STATES.....	1,500.0	1,337.5	1,808.3	1,429.6	1,447.7	18,752.5	21,001.7	20,089.9	22,449.4	+ 13	+ 12	
Metropolitan areas	1,176.6	1,046.3	1,395.0	1,112.2	1,106.5	14,673.2	16,395.1	15,719.4	17,501.6	+ 12	+ 11	
Nonmetropolitan areas	323.4	291.2	413.3	317.4	341.2	4,079.3	4,606.6	4,370.5	4,947.8	+ 13	+ 13	
Alabama.....	16.3	16.7	15.2	13.7	16.8	220.0	243.9	236.8	260.7	+ 11	+ 10	
Arizona.....	18.3	24.6	26.2	24.1	32.0	267.6	314.1	292.2	346.0	+ 17	+ 18	
Arkansas.....	4.1	6.6	12.5	6.6	6.1	71.0	88.6	77.5	94.8	+ 25	+ 22	
California.....	240.4	269.6	357.3	279.8	296.2	3,231.0	3,916.3	3,500.6	4,212.5	+ 21	+ 20	
Colorado.....	27.4	25.0	19.3	22.3	20.8	288.0	339.4	313.0	360.1	+ 18	+ 15	
Connecticut.....	27.6	18.9	30.3	36.0	21.8	309.7	379.5	328.6	401.2	+ 23	+ 22	
Delaware.....	5.9	2.7	6.6	7.5	1.8	79.7	79.8	82.4	81.7	(1)	- 1	
District of Columbia.....	21.3	6.1	6.0	5.8	6.6	216.2	117.3	222.4	123.9	- 46	- 44	
Florida.....	65.0	73.9	75.0	78.8	84.4	874.9	940.6	948.8	1,025.0	+ 8	+ 8	
Georgia.....	28.4	28.4	21.1	23.8	18.1	293.0	329.6	321.3	347.7	+ 12	+ 8	
Idaho.....	5.0	2.9	3.9	2.6	3.4	42.6	49.4	45.5	52.8	+ 16	+ 16	
Illinois.....	115.8	66.9	118.4	75.7	74.3	1,295.5	1,285.1	1,362.4	1,359.4	- 1	(1)	
Indiana.....	28.8	21.9	28.8	24.5	33.3	353.5	421.7	375.5	455.0	+ 19	+ 21	
Iowa.....	15.2	10.0	16.6	9.9	10.2	202.9	195.4	212.9	205.6	- 4	- 3	
Kansas.....	12.5	9.9	11.4	10.2	12.2	139.4	162.8	149.3	175.1	+ 17	+ 17	
Kentucky.....	12.8	8.4	12.4	15.1	12.2	163.8	191.9	172.1	204.1	+ 17	+ 19	
Louisiana.....	21.7	19.0	19.4	16.9	19.3	308.3	295.0	327.3	314.3	- 4	- 4	
Maine.....	3.1	1.0	4.2	1.8	.7	29.7	36.3	30.7	37.1	+ 22	+ 21	
Maryland.....	32.2	27.6	39.0	38.3	49.5	451.8	501.8	479.3	551.3	+ 11	+ 15	
Massachusetts.....	34.1	33.2	50.2	41.4	35.5	436.3	524.1	469.5	559.6	+ 20	+ 19	
Michigan.....	66.3	40.3	75.1	42.2	45.9	827.0	785.8	867.3	831.6	- 5	- 4	
Minnesota.....	29.3	22.1	45.2	34.8	27.5	427.7	435.8	449.8	463.4	+ 2	+ 3	
Mississippi.....	3.9	2.8	5.1	3.6	2.7	52.0	59.6	54.8	62.3	+ 15	+ 14	
Missouri.....	50.7	23.4	29.0	24.8	23.8	361.5	389.8	385.0	413.5	+ 8	+ 7	
Montana.....	3.9	1.5	5.1	3.6	2.7	37.4	51.6	38.9	54.3	+ 38	+ 40	
Nebraska.....	8.6	9.4	8.0	7.2	12.4	102.3	117.4	111.8	129.8	+ 15	+ 16	
Nevada.....	4.7	4.6	6.2	3.3	4.8	58.6	67.7	63.2	72.5	+ 16	+ 15	
New Hampshire.....	2.4	3.0	5.8	4.6	3.0	29.7	41.0	32.7	44.0	+ 38	+ 35	
New Jersey.....	63.9	46.6	73.4	55.0	46.3	718.2	802.4	764.9	848.8	+ 12	+ 11	
New Mexico.....	7.8	10.2	9.1	6.8	15.0	124.3	123.1	134.5	138.1	- 1	+ 3	
New York.....	134.6	120.4	154.0	122.3	107.7	1,408.9	1,841.6	1,529.3	1,949.3	+ 31	+ 27	
North Carolina.....	20.1	15.7	17.2	18.3	15.7	216.0	251.8	231.7	267.5	+ 17	+ 15	
North Dakota.....	2.9	.4	9.4	1.9	1.1	44.8	53.4	45.2	54.6	+ 19	+ 21	
Ohio.....	77.3	79.2	105.5	70.6	49.9	1,038.3	1,149.6	1,117.4	1,199.5	+ 11	+ 7	
Oklahoma.....	11.0	13.1	11.7	14.3	10.3	167.8	196.1	180.9	206.4	+ 17	+ 14	
Oregon.....	10.0	10.7	15.2	15.8	13.3	187.2	186.1	197.9	199.4	- 1	+ 1	
Pennsylvania.....	24.1	39.9	64.1	56.1	43.2	657.5	784.5	697.5	827.8	+ 19	+ 19	
Rhode Island.....	4.7	3.0	9.0	4.6	5.9	51.9	61.5	55.0	67.4	+ 18	+ 23	
South Carolina.....	4.9	5.3	6.1	5.8	5.9	68.6	78.9	74.0	84.8	+ 15	+ 15	
South Dakota.....	3.6	1.9	8.4	1.3	2.7	33.7	42.3	35.6	45.0	+ 26	+ 26	
Tennessee.....	12.8	17.1	18.5	14.9	13.9	217.5	247.3	234.6	261.2	+ 14	+ 11	
Texas.....	88.3	89.3	119.8	76.3	82.0	1,107.2	1,181.3	1,196.4	1,263.3	+ 7	+ 6	
Utah.....	7.1	12.4	11.5	11.2	13.7	147.1	151.9	159.4	165.6	+ 3	+ 4	
Vermont.....	.7	3.1	.4	1.1	.8	9.5	9.4	12.6	10.2	- 1	- 19	
Virginia.....	30.5	32.0	33.2	29.7	34.1	468.0	496.3	500.1	530.4	+ 6	+ 6	
Washington.....	25.6	30.4	32.1	26.7	59.9	410.0	456.5	440.4	516.4	+ 11	+ 17	
West Virginia.....	4.1	2.7	7.5	5.8	2.7	78.3	78.8	81.1	81.5	+ 1	(1)	
Wisconsin.....	28.5	21.9	47.1	30.1	43.0	399.1	416.7	421.0	459.7	+ 4	+ 9	
Wyoming.....	1.8	2.0	1.8	2.2	2.4	27.0	30.9	29.0	33.2	+ 14	+ 14	

Source: Department of Commerce, Bureau of the Census.

¹Change of less than one-half of 1 percent.²Revised.

Table C-6: Building Permit Activity: Number of New Dwelling Units, by Metropolitan-Nonmetropolitan Location and by State
(Housekeeping units only)

Year	State	1958		1959		First 11 months		Year		Percent change 1958-59		
		Nov.	Dec.	Oct.	Nov.	Dec.	1958	1959	1958	1959	1st 11 mos.	Year
ALL STATES.....		83,082	^r 69,456	88,908	69,668	67,089	933,320	1,055,319	1,002,776	1,122,408	+13	+12
Metropolitan areas		64,856	^r 54,631	68,233	54,102	52,084	720,950	817,223	^r 775,581	869,307	+13	+12
Nonmetropolitan areas		18,226	^r 14,825	20,675	15,566	15,005	212,370	238,096	^r 227,195	253,101	+12	+11
Alabama.....		1,268	1,105	963	776	795	18,146	17,606	19,251	18,401	-3	-4
Arizona.....		1,450	2,114	1,747	1,647	2,450	18,887	21,687	21,001	24,137	+15	+15
Arkansas.....		302	251	371	306	284	4,138	3,828	4,389	4,112	-8	-6
California		15,698	16,223	19,720	14,624	16,259	180,493	220,149	196,716	236,408	+22	+20
Colorado.....		1,478	1,242	976	1,011	1,150	16,680	14,802	17,922	15,952	-11	-11
Connecticut.....		1,464	823	1,285	1,285	937	13,306	15,971	14,129	16,908	+20	+20
Delaware.....		332	83	105	89	67	2,852	2,242	2,935	2,309	-21	-21
District of Columbia		522	27	591	144	275	4,948	1,349	4,975	1,624	-73	-67
Florida.....		4,664	5,141	5,153	5,227	5,505	59,034	60,464	64,175	65,969	+2	+3
Georgia		1,418	1,244	1,310	1,149	1,461	17,007	19,871	18,251	21,332	+17	+17
Idaho.....		130	132	200	118	160	1,884	2,027	2,016	2,187	+8	+8
Illinois.....		5,636	3,198	4,797	2,894	2,345	46,420	54,880	49,618	57,225	+18	+15
Indiana.....		1,229	770	1,422	1,145	1,083	15,066	18,118	15,836	19,201	+20	+21
Iowa.....		680	433	725	499	389	7,616	7,682	8,049	8,071	+1	(¹)
Kansas.....		675	437	634	461	479	7,382	7,585	7,819	8,064	+3	+3
Kentucky.....		790	532	661	867	464	8,721	10,129	9,253	10,593	+16	+14
Louisiana.....		1,045	1,081	949	944	980	14,150	14,952	15,231	15,932	+6	+5
Maine.....		100	22	154	62	42	1,132	1,221	1,154	1,263	+8	+9
Maryland.....		1,843	1,617	2,333	2,093	1,432	23,524	26,315	25,141	27,747	+12	+10
Massachusetts.....		1,545	954	1,985	1,614	1,463	17,620	19,624	18,574	21,087	+11	+14
Michigan.....		2,901	1,894	3,050	1,825	1,548	35,850	34,487	37,744	36,035	-4	-5
Minnesota.....		1,336	1,276	1,737	1,585	958	17,560	18,618	19,576	19,566	+6	+4
Mississippi		209	^r 186	224	204	218	2,853	3,668	^r 3,039	3,886	+29	+28
Missouri.....		1,951	897	1,317	1,056	1,165	16,349	19,370	17,246	20,535	+18	+19
Montana		124	77	252	89	114	1,684	1,885	1,761	1,999	+12	+14
Nebraska.....		406	^r 372	560	367	370	5,127	6,030	5,499	6,400	+18	+16
Nevada.....		367	227	381	148	245	2,668	3,160	2,895	3,405	+18	+18
New Hampshire.....		140	69	302	114	66	1,399	1,903	1,468	1,969	+36	+34
New Jersey.....		3,857	2,236	3,246	2,709	2,726	36,416	42,414	38,652	45,140	+16	+17
New Mexico		694	733	602	452	437	8,828	7,937	9,561	8,374	-10	-12
New York.....		7,647	5,987	8,390	5,955	4,887	71,279	91,083	77,266	95,970	+28	+24
North Carolina		982	830	823	743	798	11,172	12,034	12,002	12,832	+8	+7
North Dakota.....		186	16	548	100	57	2,311	2,615	2,327	2,672	+13	+15
Ohio.....		4,327	^r 2,247	4,592	3,317	2,097	46,003	51,937	48,250	54,034	+13	+12
Oklahoma		768	725	599	688	552	7,832	9,659	8,557	10,211	+23	+19
Oregon.....		449	535	536	605	465	5,904	7,559	6,439	8,024	+28	+25
Pennsylvania.....		2,254	1,535	2,675	2,240	1,687	25,535	31,765	27,070	33,452	+24	+24
Rhode Island.....		245	247	303	299	214	2,391	2,967	2,638	3,181	+24	+21
South Carolina.....		272	242	355	244	225	3,236	3,887	3,478	4,112	+20	+18
South Dakota.....		150	81	431	74	131	1,598	2,120	1,679	2,251	+33	+34
Tennessee.....		1,070	1,432	1,329	1,070	1,353	12,816	15,767	^r 14,248	17,120	+23	+20
Texas.....		5,128	5,369	4,695	4,069	3,975	64,573	64,425	^r 69,942	68,400	(¹)	-2
Utah.....		457	808	679	497	706	6,580	7,634	7,388	8,340	+16	+13
Vermont.....		35	19	23	24	14	293	280	312	294	-4	-6
Virginia.....		2,040	1,386	1,827	1,731	1,911	24,702	28,597	26,088	30,508	+16	+17
Washington.....		1,182	1,344	1,354	924	947	17,909	21,108	19,253	22,055	+18	+15
West Virginia.....		175	86	188	147	106	2,259	2,487	2,345	2,593	+10	+11
Wisconsin.....		1,370	1,073	1,684	1,337	969	17,610	18,091	18,683	19,060	+3	+2
Wyoming.....		91	98	125	100	128	1,577	1,330	1,675	1,458	-16	-13

Source: Department of Commerce, Bureau of the Census.

¹ Change of less than one-half of 1 percent.^r Revised.

Table C-7: Building Permit Activity: Valuation, in Selected Metropolitan Areas

Metropolitan area	1958		Valuation (in millions of dollars)						Year		Percent change 1958-59
			1959			First 11 months					
	Nov.	Dec.	Oct.	Nov.	Dec.	1958	1959	1958	1959	1st 11 mos.	Year
Atlanta, Ga.....	19.4	21.6	10.2	16.2	9.3	184.4	204.2	205.9	213.6	+11	+4
Baltimore, Md.....	14.8	10.5	13.5	18.4	19.6	202.5	226.2	213.0	245.8	+12	+15
Birmingham, Ala.....	5.5	5.1	6.8	5.8	8.1	81.6	93.4	86.7	101.5	+14	+17
Boston, Mass.....	21.4	22.0	30.6	23.0	22.2	239.4	307.1	261.4	329.4	+28	+26
Buffalo, N. Y.....	8.7	6.5	14.3	7.6	6.5	134.7	139.3	141.2	145.8	+3	+3
Chicago, Ill.....	104.1	64.3	106.1	66.2	76.7	1,158.7	1,151.3	1,223.0	1,228.0	-1	(1)
Cleveland, Ohio.....	25.5	38.2	31.3	16.6	14.4	262.7	309.6	300.9	324.1	+18	+8
Columbus, Ohio.....	11.1	8.5	10.1	12.5	6.8	176.4	157.7	184.9	164.5	-11	-11
Denver, Colo.....	13.9	13.8	10.6	12.1	13.2	173.5	235.6	187.3	248.8	+36	+33
Detroit, Mich.....	42.4	25.8	48.7	23.7	29.3	498.5	454.0	524.3	483.3	-9	-8
Indianapolis, Ind.....	5.6	4.5	9.3	7.0	5.6	95.6	123.1	100.2	128.7	+29	+28
Los Angeles-Long Beach, Calif.....	95.8	110.1	144.5	120.3	126.3	1,430.1	1,681.6	1,540.2	1,807.9	+18	+17
Miami, Fla.....	18.7	17.0	18.6	15.6	19.4	251.3	257.7	268.3	277.1	+3	+3
Milwaukee, Wis.....	10.5	9.7	13.5	11.8	26.4	141.1	143.9	150.8	170.4	+2	+13
New York-Northeastern New Jersey.....	139.0	127.2	156.8	134.3	110.5	1,453.9	1,947.6	1,581.1	2,058.0	+34	+30
Norfolk-Portsmouth, Va.....	4.0	5.2	4.2	5.0	6.6	71.8	80.7	77.0	87.3	+12	+13
Philadelphia, Pa.....	36.1	29.0	43.4	31.6	30.9	421.1	498.3	450.1	529.2	+18	+18
Phoenix, Ariz.....	13.9	17.2	18.1	16.5	22.2	197.4	219.4	214.6	241.6	+11	+13
Rochester, N. Y.....	6.7	3.1	7.0	4.4	7.3	66.8	70.0	69.9	77.3	+5	+11
Salt Lake City, Utah.....	3.7	8.9	6.3	4.3	8.8	81.3	75.7	90.2	84.5	-7	-6
San Diego, Calif.....	26.0	29.1	46.4	34.0	35.9	300.1	430.9	329.3	466.8	+44	+42
San Francisco-Oakland, Calif.....	34.0	37.1	52.7	41.7	47.0	485.3	543.1	522.4	590.1	+12	+13
Seattle, Wash.....	13.8	13.6	18.2	13.3	12.5	214.4	248.2	228.0	260.8	+16	+14
Washington, D. C.....	42.8	31.3	35.5	29.0	37.8	562.9	486.3	594.2	524.2	-14	-12

Source: Department of Commerce, Bureau of the Census.

¹Change of less than one-half of 1 percent.²Revised.Table C-8: Building Permit Activity: Number of New Dwelling Units, in Selected Metropolitan Areas
(Housekeeping only)

Metropolitan area	1958		1959			First 11 months		Year		Percent change 1958-59	
	Nov.	Dec.	Oct.	Nov.	Dec.	1958	1959	1958	1959	1st 11 mos.	Year
Atlanta, Ga.....	902	716	749	574	923	9,621	11,847	10,337	12,770	+23	+24
Baltimore, Md.....	896	605	621	692	371	10,374	10,312	10,979	10,683	-1	-3
Birmingham, Ala.....	380	486	486	274	284	6,163	6,919	6,649	7,203	+12	+8
Boston, Mass.....	792	474	1,068	789	782	8,329	9,189	8,803	9,971	+10	+13
Buffalo, N. Y.....	490	222	402	310	196	6,106	5,473	6,328	5,669	-10	-10
Chicago, Ill.....	5,029	2,974	4,229	2,405	2,050	40,657	49,086	43,631	51,136	+21	+17
Cleveland, Ohio.....	1,147	668	1,182	701	656	9,758	11,769	10,426	12,425	+21	+19
Columbus, Ohio.....	633	416	393	528	180	8,551	7,708	8,967	7,888	-10	-12
Denver, Colo.....	942	900	625	668	839	10,270	10,032	10,170	10,871	-2	-3
Detroit, Mich.....	1,866	1,200	2,079	1,007	853	22,542	20,994	23,742	21,847	-7	-8
Indianapolis, Ind.....	326	184	518	448	398	4,803	5,952	4,987	6,350	+24	+27
Los Angeles-Long Beach, Calif.....	5,773	6,434	7,191	5,918	6,543	74,128	83,726	80,562	90,269	+13	+12
Miami, Fla.....	1,694	1,115	1,107	997	1,331	17,646	14,463	18,761	15,794	-18	-16
Milwaukee, Wis.....	452	566	482	560	390	6,094	5,945	6,660	6,335	-2	-5
New York-Northeastern New Jersey.....	8,664	6,171	8,972	6,553	5,587	77,996	100,465	84,167	106,052	+29	+26
Norfolk-Portsmouth, Va.....	379	234	327	403	375	4,481	4,735	4,715	5,110	+6	+8
Philadelphia, Pa.....	1,695	1,428	2,151	1,443	1,441	19,365	24,263	20,793	25,704	+25	+24
Phoenix, Ariz.....	1,101	1,473	1,329	1,300	1,800	14,723	16,105	16,196	17,905	+9	+11
Rochester, N. Y.....	227	150	299	252	180	2,819	3,473	2,969	3,653	+23	+23
Salt Lake City, Utah.....	234	586	335	218	485	3,610	3,664	4,196	4,149	+1	-1
San Diego, Calif.....	1,914	2,228	3,039	1,509	2,154	20,611	27,932	22,839	30,086	+36	+32
San Francisco-Oakland, Calif.....	2,196	1,932	2,419	1,913	2,028	23,225	27,469	25,157	29,497	+18	+17
Seattle, Wash.....	732	898	839	474	525	9,402	12,174	10,300	12,699	+29	+23
Washington, D. C.....	1,540	1,269	2,545	1,758	1,527	21,186	23,534	22,455	25,061	+11	+12

Source: Department of Commerce, Bureau of the Census.

²Revised.

**Table C-9: Building Permit Activity: Valuation in Selected Metropolitan Areas
by Type of Building Construction**

First 11 months 1959 (*Thousands of dollars*)

Type of building construction	Atlanta, Ga.	Baltimore Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio	Columbus, Ohio
All building construction ¹	204, 242	226, 221	93, 386	307, 130	139, 337	1, 151, 257	309, 626	157, 667
New dwelling units ²	102, 353	114, 052	60, 742	110, 800	61, 414	699, 319	183, 095	106, 989
New nonresidential building	85, 507	89, 325	22, 289	151, 301	66, 219	343, 636	95, 497	36, 725
Commercial buildings	41, 493	18, 690	10, 853	88, 431	11, 612	82, 912	34, 081	11, 828
Amusement buildings	2, 678	4, 084	272	2, 133	1, 164	6, 648	3, 726	583
Commercial garages	1, 247	334	423	465	256	510	417	2
Gasoline and service stations	1, 092	1, 072	337	889	763	5, 968	1, 170	886
Office buildings	21, 793	3, 386	2, 555	67, 916	2, 279	22, 587	8, 461	4, 962
Stores and other mercantile bldgs.	14, 683	9, 814	7, 266	17, 029	7, 150	47, 200	20, 307	5, 396
Community buildings	28, 245	38, 744	6, 540	39, 889	33, 198	110, 091	38, 747	17, 358
Educational buildings	13, 082	22, 251	2, 212	28, 625	22, 781	55, 467	18, 530	7, 139
Institutional buildings	8, 704	10, 320	1, 232	6, 170	6, 297	29, 978	13, 532	8, 111
Religious buildings	6, 459	6, 173	3, 096	5, 094	4, 120	24, 646	6, 685	2, 107
Garages, private residential	238	702	348	1, 388	3, 846	24, 433	6, 070	2, 355
Industrial buildings	5, 826	9, 552	2, 295	15, 131	4, 848	88, 499	11, 524	2, 882
Public utilities buildings	7, 223	7, 091	1, 130	4, 146	2, 515	20, 138	1, 450	667
All other nonresidential buildings	2, 482	14, 546	1, 125	2, 316	10, 200	17, 563	3, 627	1, 634
Additions and alterations	14, 030	20, 887	10, 256	42, 465	11, 459	98, 038	26, 232	9, 995
	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles-Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.	New York-Northeastern New Jersey	Norfolk-Portsmouth, Va.
All building construction ¹	235, 615	454, 046	123, 051	1,681, 577	257, 662	143, 943	1, 947, 567	80, 654
New dwelling units ²	112, 355	267, 831	71, 104	897, 136	136, 551	75, 563	1, 100, 041	47, 452
New nonresidential building	101, 117	133, 476	40, 734	568, 977	79, 334	51, 925	670, 437	25, 593
Commercial buildings	19, 911	40, 172	5, 918	189, 939	29, 611	13, 425	321, 818	11, 159
Amusement buildings	1, 162	2, 419	226	14, 244	1, 137	1, 642	27, 536	591
Commercial garages	154	1, 198	11	3, 488	0	309	13, 437	0
Gasoline and service stations	1, 082	3, 066	274	5, 370	2, 232	825	5, 696	204
Office buildings	5, 142	11, 568	2, 656	96, 857	5, 878	4, 084	209, 838	5, 699
Stores and other mercantile bldgs.	12, 371	21, 921	2, 751	69, 981	20, 364	6, 566	65, 311	4, 666
Community buildings	18, 586	38, 612	8, 736	155, 579	24, 912	24, 033	222, 776	4, 573
Educational buildings	11, 688	22, 696	5, 420	108, 400	13, 033	16, 236	130, 267	2, 141
Institutional buildings	3, 834	4, 916	654	24, 740	8, 026	3, 346	59, 644	860
Religious buildings	3, 064	11, 000	2, 663	22, 439	3, 853	4, 450	32, 865	1, 572
Garages, private residential	2, 025	20, 770	1, 495	6, 540	835	4, 317	10, 722	582
Industrial buildings	11, 855	19, 054	5, 024	90, 044	6, 108	6, 255	82, 268	3, 423
Public utilities buildings	1, 926	7, 063	18, 595	48, 505	8, 689	2, 354	13, 304	4, 189
All other nonresidential buildings	46, 814	7, 806	965	78, 369	9, 179	1, 541	19, 548	1, 668
Additions and alterations	15, 489	48, 955	8, 582	203, 498	34, 276	15, 713	152, 139	7, 603
	Philadelphia, Pa.	Phoenix, Ariz.	Rochester, N. Y.	Salt Lake City, Utah	San Diego, Calif.	San Francisco-Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All building construction ¹	498, 348	219, 393	70, 025	75, 667	430, 873	543, 100	248, 239	486, 335
New dwelling units ²	272, 571	139, 805	45, 496	44, 331	308, 969	315, 759	150, 674	252, 773
New nonresidential building	164, 095	64, 765	17, 769	20, 874	100, 536	156, 225	74, 951	203, 279
Commercial buildings	61, 719	36, 429	2, 658	5, 407	38, 768	60, 806	19, 982	80, 368
Amusement buildings	4, 977	1, 062	340	667	3, 120	6, 426	2, 120	3, 460
Commercial garages	1, 804	75	60	0	1, 509	3, 853	1, 391	1, 085
Gasoline and service stations	2, 822	1, 189	398	482	699	1, 631	1, 413	1, 439
Office buildings	9, 764	24, 398	392	1, 011	6, 334	24, 839	7, 050	43, 562
Stores and other mercantile bldgs.	42, 352	9, 705	1, 468	3, 247	27, 107	24, 058	8, 009	30, 823
Community buildings	68, 132	12, 118	4, 230	2, 701	33, 274	30, 461	37, 787	91, 812
Educational buildings	41, 479	7, 928	2, 023	674	21, 910	14, 413	24, 155	71, 085
Institutional buildings	18, 456	1, 102	1, 067	0	7, 124	7, 354	8, 357	14, 394
Religious buildings	8, 198	3, 089	1, 140	2, 027	4, 241	8, 694	5, 276	6, 333
Garages, private residential	3, 296	240	1, 840	815	2, 741	1, 694	813	616
Industrial buildings	21, 590	11, 086	4, 424	6, 290	14, 269	24, 404	8, 731	7, 715
Public utilities buildings	1, 473	514	3, 629	3, 636	1, 684	15, 943	2, 228	7, 496
All other nonresidential buildings	7, 884	4, 378	987	2, 025	9, 801	22, 918	5, 410	15, 272
Additions and alterations	56, 071	11, 859	5, 432	9, 456	16, 605	68, 156	21, 027	29, 346

Source: Department of Commerce, Bureau of the Census.

¹ Includes new nonhousekeeping residential building, not shown separately.

² Housekeeping only.

Table C-9: Building Permit Activity: Valuation in Selected Metropolitan Areas

by Type of Building Construction—Con.

Annual Total 1959 (Thousands of dollars)

Type of building construction	Atlanta, Ga.	Baltimore, Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio	Columbus, Ohio
All building construction ¹	213,566	245,811	101,494	329,352	145,818	1,227,960	324,075	164,470
New dwelling units ²	109,222	119,021	63,434	120,478	63,522	729,878	192,774	110,194
New nonresidential building	86,963	102,663	26,749	159,023	69,568	373,103	97,768	39,418
Commercial buildings.....	42,382	19,291	12,749	90,901	12,809	88,889	34,546	14,362
Amusement buildings.....	2,953	4,084	272	2,393	1,188	6,964	3,989	583
Commercial garages.....	1,247	339	423	465	260	594	450	752
Gasoline and service stations.....	1,127	1,219	337	914	773	6,626	1,242	955
Office buildings.....	22,232	3,509	2,585	68,158	2,555	23,506	8,461	5,586
Stores and other mercantile bldgs.....	14,824	10,140	9,132	18,971	8,032	51,198	20,404	6,486
Community buildings.....	28,450	47,412	8,697	43,971	34,616	119,851	40,146	17,358
Educational buildings.....	13,082	30,273	2,212	32,315	23,700	59,944	19,494	7,139
Institutional buildings.....	8,862	10,320	3,139	6,170	6,400	33,324	13,532	8,111
Religious buildings.....	6,506	6,819	3,347	5,486	4,515	26,583	7,120	2,107
Garages, private residential	258	723	359	1,481	3,906	25,083	6,182	2,418
Industrial buildings.....	5,841	9,627	2,607	15,825	4,860	100,467	11,691	2,906
Public utilities buildings.....	7,224	7,154	1,201	4,446	2,582	20,410	1,450	668
All other nonresidential buildings	2,808	18,457	1,137	2,399	10,796	18,402	3,753	1,706
Additions and alterations.....	15,029	22,070	11,211	47,148	12,469	107,295	28,455	10,900
	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles-Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.	New York-Northeastern New Jersey	Norfolk-Portsmouth, Va.
All building construction ¹	248,848	483,301	128,660	1,807,872	277,071	170,351	2,058,034	87,276
New dwelling units ²	121,562	280,134	75,536	967,440	148,685	80,213	1,165,166	50,962
New nonresidential building	103,873	146,616	41,349	609,361	84,669	71,922	706,064	26,762
Commercial buildings.....	20,727	49,025	6,273	209,612	32,325	30,371	338,156	11,817
Amusement buildings.....	1,162	8,989	244	15,311	1,244	1,642	28,250	591
Commercial garages.....	154	1,198	11	3,526	23	479	13,462	0
Gasoline and service stations.....	1,252	3,471	317	5,831	2,370	825	6,106	267
Office buildings.....	5,328	12,304	2,691	108,320	7,237	19,373	219,191	5,752
Stores and other mercantile bldgs.....	12,831	23,063	3,011	76,624	21,451	8,052	71,147	5,208
Community buildings.....	19,816	40,984	8,736	162,248	26,068	24,717	234,254	4,947
Educational buildings.....	12,334	24,474	5,420	111,977	13,700	16,920	134,133	2,141
Institutional buildings.....	3,884	5,032	654	26,329	8,326	3,346	64,342	860
Religious buildings.....	3,598	11,478	2,663	23,942	4,041	4,450	35,779	1,946
Garages, private residential	2,086	21,006	1,548	7,001	896	4,378	11,265	618
Industrial buildings.....	12,370	19,768	5,231	97,964	6,797	7,777	87,063	3,440
Public utilities buildings.....	1,954	7,407	18,595	48,625	8,797	2,604	14,435	4,189
All other nonresidential buildings	46,920	8,427	965	83,909	9,787	2,075	20,891	1,751
Additions and alterations.....	16,760	52,050	9,146	216,923	36,217	17,091	160,912	9,447
	Philadelphia, Pa.	Phoenix, Ariz.	Rochester, N. Y.	Salt Lake City, Utah	San Diego, Calif.	San Francisco-Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All building construction ¹	529,211	241,550	77,294	84,492	466,794	590,145	260,786	524,184
New dwelling units ²	288,041	154,152	48,137	49,552	333,557	340,679	157,371	268,490
New nonresidential building	174,940	71,395	21,979	24,112	110,351	168,267	78,543	222,777
Commercial buildings.....	64,937	39,036	2,904	5,737	40,369	69,135	21,313	83,754
Amusement buildings.....	5,784	1,190	340	667	3,122	7,031	2,120	3,828
Commercial garages.....	1,926	108	60	0	1,519	3,933	1,391	1,085
Gasoline and service stations.....	3,125	1,220	418	497	733	1,870	1,473	1,532
Office buildings.....	10,456	25,133	592	1,044	6,741	31,324	7,687	44,287
Stores and other mercantile bldgs.....	43,645	11,384	1,494	3,528	28,254	24,978	8,643	33,023
Community buildings.....	73,210	15,578	4,330	4,460	38,784	31,627	39,108	95,962
Educational buildings.....	45,266	9,432	2,123	674	27,116	15,152	25,196	74,427
Institutional buildings.....	18,852	2,794	1,067	0	7,124	7,474	8,447	14,494
Religious buildings.....	9,092	3,352	1,140	3,786	4,544	9,001	5,466	7,041
Garages, private residential	3,415	313	1,892	839	2,891	1,788	875	648
Industrial buildings.....	23,577	11,366	4,443	6,363	16,020	26,116	9,361	9,153
Public utilities buildings.....	1,832	514	7,380	4,636	1,766	16,214	2,228	7,516
All other nonresidential buildings	7,970	4,589	1,031	2,077	10,521	23,388	5,658	25,744
Additions and alterations.....	59,946	12,501	5,851	9,724	17,801	78,066	22,335	31,328

Source: Department of Commerce, Bureau of the Census.

¹ Includes new nonhousekeeping residential building, not shown separately.² Housekeeping only.Source
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Part D—Contracts

Table D-1: Contract Awards: Public Construction, by Ownership and Type of Construction¹

Ownership and type of construction	Value (in millions of dollars)								Percent change, Jan. 1959-60	
	1959						1960	Year		
	Jan.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.		
TOTAL PUBLIC CONSTRUCTION	847.3	1,021.9	910.8	815.2	882.7	818.4	823.6	727.6	11,414.7	-14
FEDERALLY OWNED	136.4	103.5	173.1	147.7	189.1	163.3	190.2	133.8	2,350.2	-2
Residential buildings	3.2	25.5	53.3	26.2	29.8	1.4	.2	13.0	250.3	(²)
Nonresidential buildings	73.4	58.3	17.2	52.8	38.5	61.2	32.5	35.1	813.6	-52
Educational	1.3	1.7	1.3	25.8	1.7	4.1	1.2	2.5	61.7	+92
Hospital and institutional	12.6	8.2	2.0	.1	4.1	0	1.3	3.2	56.2	-75
Administrative and service	10.3	26.8	2.1	18.1	13.8	5.0	6.1	4.8	206.2	-53
Other nonresidential buildings	49.2	21.6	11.8	8.8	18.9	52.1	23.9	24.6	489.5	-50
Airfield buildings	22.4	10.6	5.3	0	1.2	2.0	10.1	3.7	161.8	-83
Troop housing	5.2	0	.7	0	.1	.1	.7	5.0	43.6	-4
Warehouses	1.4	1.0	.1	.1	.2	1.0	3.6	1.1	20.5	-21
All other	20.2	10.0	5.7	8.7	17.4	49.0	9.5	14.8	263.6	-27
Airfields ³	23.7	3.7	21.5	8.1	4.2	14.8	66.2	37.4	323.4	+58
Conservation and development	19.2	7.2	33.3	25.9	22.9	59.4	63.6	32.4	528.4	+69
Highways	3.2	2.0	6.8	8.8	4.9	22.1	6.2	9.7	84.5	+203
Electric power	4.2	2.4	29.1	14.6	81.4	.8	2.2	4.2	213.8	0
All other federally owned	9.5	4.4	11.9	11.3	7.4	3.6	19.3	2.0	136.2	-79
STATE AND LOCALLY OWNED	710.9	918.4	737.7	667.5	693.6	655.1	633.4	593.7	9,064.5	-16
Residential buildings	34.7	9.5	19.8	29.8	26.0	19.9	17.4	13.6	304.8	-61
Nonresidential buildings	226.1	295.6	280.9	253.6	260.6	258.0	272.3	208.2	3,219.1	-8
Educational	144.1	201.2	183.1	171.4	203.6	168.9	176.1	160.6	2,192.8	+11
Hospital and institutional	15.1	22.5	20.9	25.5	12.6	13.9	26.5	16.1	301.3	+7
Administrative and service	18.7	37.6	34.1	17.8	19.1	31.9	20.8	16.6	323.9	-11
Other nonresidential buildings	48.2	34.3	42.8	38.9	25.3	43.3	48.9	14.9	401.1	-69
Highways	320.5	383.7	286.8	248.0	256.3	280.2	231.5	241.8	3,710.0	-25
Sewer and water systems	94.4	105.2	92.3	82.2	89.4	60.7	77.9	81.2	1,140.0	-14
Sewer	51.4	76.3	63.2	52.8	52.8	45.4	57.2	49.7	737.8	-3
Water	43.0	28.9	29.1	29.4	36.6	15.3	20.7	31.5	402.2	-27
Public service enterprises	15.3	100.5	26.7	28.6	24.1	23.6	15.2	36.3	413.5	+137
Electric power	9.5	76.7	13.8	19.2	9.3	11.8	4.5	19.8	233.7	+108
Other	5.8	23.8	12.9	9.4	14.8	11.8	10.7	16.5	179.8	+184
Conservation and development	8.0	7.9	18.6	12.8	22.9	6.3	12.4	6.4	145.6	-20
All other State and locally owned	11.9	16.0	12.6	12.5	14.3	6.4	6.7	6.2	131.5	-48

Source: Department of Commerce, Bureau of the Census. ¹ Includes major force-account projects started, principally by TVA and State highway departments. ² Percent increase exceeds 300. ³ Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned.

Table D-2: Contract Awards: Highway Construction, by Ownership, Source of Funds, and Type of Facility¹

Ownership, source of funds, and type of facility	Value (in millions of dollars)								Percent change, Jan. 1959-60	
	1959						1960	Year		
	Jan.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.		
ALL HIGHWAY CONSTRUCTION	323.7	385.7	293.6	256.8	261.2	302.3	237.7	251.5	3,794.5	-22
FEDERALLY OWNED	3.2	2.0	6.8	8.8	4.9	22.1	6.2	9.7	84.5	+203
STATE OWNED	294.0	328.4	225.8	196.2	208.4	252.1	217.5	189.9	3,204.4	-35
Federally aided projects:										
Total value	266.9	248.2	187.1	158.1	173.1	224.2	175.6	164.6	2,629.9	-38
Federal funds	197.4	168.8	137.0	109.7	126.2	160.8	121.2	111.9	1,876.7	-43
Independent State projects:										
Total value	27.1	80.2	38.7	38.1	35.3	27.9	41.9	25.3	574.5	-7
Toll facilities	3.5	.1	0	3.8	.1	0	3.7	3.9	59.2	+11
LOCALLY OWNED²	26.5	55.3	61.0	51.8	47.9	28.1	14.0	51.9	505.6	+96

Source: Department of Commerce, Bureau of the Census. ¹ Includes force-account work started on Federal and State projects.

² By municipalities and counties.

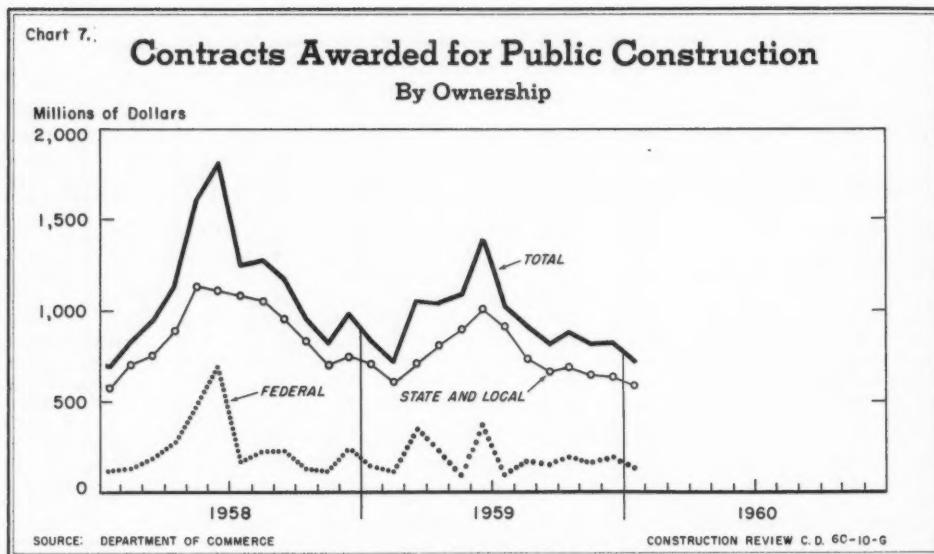


Table D-3: Value of Construction Contracts Reported by the F. W. Dodge Corporation
(U. S. Summary, excluding Alaska and Hawaii)

Type of construction	Value (in millions of dollars)			Percent change, 12 months ending in Feb. 1959-60	
	February 1960	12 months ending-			
		February 1960	February 1959		
TOTAL ¹	2,240	36,232	35,698	+ 1	
Building construction					
Residential	1,686	28,474	26,248	+ 8	
Nonresidential	988	17,019	15,285	+ 11	
Engineering	698	11,455	10,962	+ 4	
Engineering	554	7,756	9,450	- 18	
Public works	413	5,804	6,890	- 16	
Utilities	141	1,951	2,560	- 24	

Source: Table compiled by Department of Commerce, (BDSA) from data published by the F. W. Dodge Corporation.

¹Dodge index of construction contracts, seasonally adjusted, 1947-49 = 100: February 1959, 241; February 1960, 234.

Table D-4: Value of Construction Contract Awards Reported by the Engineering News-Record
(U. S. Summary, excluding Alaska and Hawaii)

Ownership and type of construction	Value (in millions of dollars)			Percent change, 12 months ending in Feb. 1959-60	
	February 1960 ¹	12 months ending-			
		February 1960	February 1959		
TOTAL ²	1,401	19,196	19,687	- 3	
Privately owned	779	10,090	8,033	+ 26	
Publicly owned	622	9,105	11,655	- 22	
Private industrial buildings	212	2,903	1,738	+ 67	
Buildings, except private industrial	718	9,491	9,488	(3)	
Highways and bridges	260	3,248	4,534	- 23	
Sewer systems	40	609	625	- 3	
Water systems	22	319	349	- 9	
Unclassified and all other	149	2,628	2,959	- 11	

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways-\$44,000; other public works-\$73,000; industrial buildings-\$93,000; other buildings-\$344,000. ¹Four weeks. ²Totals and percent changes for 12-month periods ending in December 1959 and January 1960 have been corrected to 19,518(+2) and 19,108(-2), respectively.

³Change of less than one-half of 1 percent.

Part E--Costs

Table E-1: Construction Cost Indexes

Compiler and coverage	Indexes (1947-49=100)									Percent change, Jan. 1959-60
	1959					1960	1957	1958	1959	
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Jan.	Jan.	Jan.	
American Appraisal Company	151	151	151	152	152	152	138	143	147	+ 3
Associated General Contractors	161	162	163	163	163	163	146	152	156	+ 4
E. H. Boeckh and Associates (20 city average):										
Residences.....	138.4	138.4	138.4	138.7	138.9	139.1	130.5	132.4	135.1	+ 3
Apartments, hotels, and office buildings.....	149.8	149.9	149.9	150.1	150.4	150.6	139.2	142.4	146.3	+ 3
Commercial and factory buildings.....	153.0	153.0	153.0	153.2	153.6	153.7	141.2	145.4	149.4	+ 3
Engineering News-Record:										
Building	164.8	165.2	165.1	164.7	164.3	164.8	149.2	153.6	159.4	+ 3
Construction	180.1	180.3	180.2	179.8	179.6	180.3	157.2	165.1	172.8	+ 4
Department of Commerce composite ¹	142	142	142	143	144	143	134	137	139	+ 3

Sources as stated above. ¹A composite of cost indexes, compiled by the Bureau of the Census, representative of the major types of construction weighted by the current relative importance of each type.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities

Commodity	(1947-49=100, unless otherwise specified)								Percent change,	
	1959				1960		Annual average		Year	Feb.
	Feb.	Oct.	Nov.	Dec.	Jan.	Feb.	1958	1959	1958-59	1959-60
ALL CONSTRUCTION MATERIALS ¹	133.3	135.0	134.6	134.9	135.2	134.9	130.5	134.6	+ 3	+ 1
Lumber and wood products:										
Softwoods:										
Douglas fir	125.2	130.4	124.9	126.9	127.7	127.5	114.6	130.7	+ 14	+ 2
Southern pine	113.8	118.6	118.5	118.4	118.1	117.6	112.8	116.6	+ 3	+ 3
Other softwoods	132.7	139.6	137.7	135.7	135.3	134.4	129.4	137.7	+ 6	+ 1
Hardwoods used in construction	118.5	122.8	123.3	123.9	124.6	124.1	114.4	122.0	+ 7	+ 5
Millwork	130.2	138.7	138.1	137.9	137.8	137.7	128.2	135.9	+ 6	+ 6
Plywood	103.6	96.5	94.5	97.2	98.2	97.0	97.1	101.2	+ 4	- 6
Softwood	103.4	89.1	85.3	90.4	92.2	89.5	91.8	97.9	+ 7	- 13
Hardwood	105.1	106.3	106.3	106.3	106.3	106.9	104.5	106.2	+ 2	+ 2
Building paper and board	144.2	147.6	147.6	147.6	147.6	147.6	143.2	146.4	+ 2	+ 2
Insulation board	145.2	150.4	150.4	150.4	150.4	150.4	144.5	148.5	+ 3	+ 4
Hardboard (<i>Jan. 1958=100</i>)	100.4	100.4	100.4	100.4	100.4	100.4	99.3	100.3	+ 1	0
Prepared paint	128.4	128.3	128.3	128.3	128.3	128.3	128.3	128.3	0	(2)
Metals and metal products:										
Finished mill and foundry products:										
Structural steel shapes	199.6	199.6	199.6	199.6	199.6	199.6	195.4	(3)	.....	0
Reinforcing bars	195.0	195.0	195.0	195.0	195.0	195.0	190.8	(3)	.....	0
Galvanized sheets, carbon	161.9	161.6	163.2	163.2	163.2	163.2	156.6	(3)	.....	+ 1
Black steel pipe, carbon	190.9	190.9	190.9	190.9	190.9	190.9	191.5	(3)	.....	0
Wire nails, 8d common	182.2	182.2	182.2	182.2	182.2	182.2	182.2	(3)	.....	0
Copper water tubing	148.6	149.7	156.1	156.1	156.1	156.1	141.8	(3)	.....	+ 5
Building wire	116.8	132.7	145.8	145.8	145.8	143.7	106.1	(3)	.....	+ 23
Nonmetallic sheathed cable	87.1	91.5	95.9	95.9	95.9	94.5	75.9	(3)	.....	+ 9
Builders' hardware:										
Cabinet hinge	137.2	136.4	136.4	136.4	136.4	136.4	137.2	(3)	.....	- 1
Door lock sets	155.2	155.1	155.1	155.1	155.1	155.1	153.0	(3)	.....	(2)
Butts	168.4	168.4	168.4	168.4	168.4	168.4	168.4	(3)	.....	0
Fabricated metal products used in construction:										
Plumbing fixtures and brass fittings ¹	126.0	131.0	132.4	133.2	134.0	133.9	123.7	130.1	+ 5	+ 6
Enameled iron fixtures	117.0	120.8	123.9	125.3	126.8	126.8	115.4	120.7	+ 5	+ 8
Vitreous china fixtures	117.4	123.1	125.5	127.4	129.4	129.4	115.6	122.6	+ 6	+ 10
Brass fittings	137.1	144.1	144.1	144.1	144.1	143.9	134.1	142.2	+ 6	+ 5

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities--Continued

Commodity	(1947-49=100, unless otherwise specified)								Percent change,	
	1959				1960		Annual average		Year	Feb.
	Feb.	Oct.	Nov.	Dec.	Jan.	Feb.	1958	1959	1958-59	1959-60
Metals and metal products--Con.										
Fabricated metal products used in construction--Con.										
Heating equipment ¹	122.0	121.5	121.5	121.6	120.9	120.3	121.2	121.7	(2)	-1
Steam and hot water equipment	155.1	154.7	154.7	155.4	155.4	155.4	150.9	154.8	+3	(2)
Warm air furnaces	123.7	123.4	123.4	123.2	122.5	122.2	122.8	123.5	+1	-1
Fuel burning equipment, automatic	115.6	115.9	115.2	114.8	114.8	115.1	116.0	115.7	(2)	(2)
Water heaters, domestic	100.4	98.7	99.0	99.0	97.2	94.9	101.9	99.5	-2	-6
Metal doors, sash, and trim	140.1	134.2	134.2	134.2	134.5	134.6	141.8	135.2	-5	-4
Tanks and sheet metal products:										
Steel roofing (<i>Jan. 1958=100</i>)	105.7	105.4	106.5	106.5	106.5	106.5	102.3	(3)	.....	+1
Corrugated aluminum roofing (<i>Jan. 1958=100</i>)	96.3	96.3	96.3	96.3	99.4	105.9	96.5	(3)	.....	+10
Machinery and motive products:										
Elevators and escalators	139.0	140.0	140.0	140.0	140.0	140.0	139.3	139.5	(2)	+1
Fans and blowers, except portable	183.5	182.2	182.2	182.2	182.2	182.2	180.4	182.5	+1	-1
Nonmetallic minerals products used in construction:										
Flat glass:										
Plate glass	144.3	145.0	145.0	145.0	145.0	145.0	145.2	144.7	(2)	+1
Window glass	145.3	145.3	145.3	145.3	145.3	145.3	145.5	145.3	(2)	0
Concrete ingredients:										
Sand, gravel, and crushed stone	140.2	140.4	140.4	140.4	142.0	142.0	139.0	140.3	+1	+1
Portland cement	129.7	130.1	130.2	130.2	130.5	130.5	128.8	129.9	+1	+1
Concrete products:										
Building block	129.0	130.3	130.3	130.4	130.8	131.3	128.1	129.7	+1	+2
Concrete pipe	116.7	118.6	118.6	118.6	119.1	119.7	117.7	117.5	(2)	+3
Ready-mixed concrete (<i>Jan. 1958=100</i>)	159.3	159.2	159.2	160.3	160.3	160.3	152.8	159.1	+4	+1
Structural clay products:										
Building brick	138.2	139.4	139.7	139.9	140.7	140.7	135.9	139.1	+2	+2
Clay tile	137.9	139.4	139.4	139.9	140.6	140.6	135.6	139.0	+3	+2
Clay sewer pipe	130.1	130.7	131.3	131.3	132.5	132.5	128.6	130.7	+2	+2
Gypsum products:										
Lath	162.7	164.8	164.8	164.8	164.8	164.8	158.2	163.8	+4	+1
Wallboard	133.1	133.1	133.1	133.1	133.1	133.1	132.1	133.1	+1	0
Plaster	128.6	128.6	128.6	128.6	128.6	128.6	127.8	(3)	.....	0
Prepared asphalt roofing	144.6	144.6	144.6	144.6	144.6	144.6	143.2	(3)	.....	0
Other nonmetallic minerals used in construction ¹	119.8	110.8	113.6	113.6	113.6	106.3	112.8	116.4	+3	-11
Insulation materials:										
Asbestos cement shingles	135.2	136.9	136.9	136.9	137.5	139.3	134.1	136.6	+2	+3
Rubber floor tile:										
Linoleum, inlaid	103.5	102.9	102.9	102.9	102.9	102.9	103.9	103.1	-1	-1
Asphalt floor tile	162.2	167.0	167.0	167.0	168.4	172.8	160.8	166.0	+3	+7
Miscellaneous products:										
Kitchen cabinets, metal, base only	151.6	152.7	152.7	152.7	152.8	152.8	151.3	(3)	.....	+1
Linoleum, inlaid	129.4	130.5	130.5	130.5	135.3	135.3	128.6	(3)	.....	+5
Rubber floor tile	98.4	101.5	101.5	101.5	101.5	101.5	97.2	(3)	.....	+3
Rubber floor tile	114.9	114.9	114.9	114.9	114.9	114.9	114.9	(3)	.....	0

Source: Department of Labor, Bureau of Labor Statistics. ¹ Not available. ² Includes items not shown separately. ³ Revised.

¹ Includes items not shown separately. ² Change of less than one-half of 1 percent.

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Table E-3: Wholesale Prices of Selected Construction Materials

Commodity	Unit	1960	1959	
		Jan.	Dec.	Jan.
LUMBER				
Douglas fir:				
Dimension, construction, 25% standard, 2"x4", RL., green, S4S, mixed dimension c/l, f.o.b. mill.....	M bd. ft.	\$72.776	\$72.041	\$67.101
Boards, construction, 25% standard, RL., green, S4S, 1"x8", loose, mixed c/l of boards and dimension, f.o.b. mill	M bd. ft.	66.415	66.699	60.794
Timbers, construction, 8"x8" to 12"x12", RL., rough or S4S, green, c/l or mixed cars, f.o.b. mill.....	M bd. ft.	82.202	81.732	70.394
Southern pine:				
Dimension, No. 2, 2" x 4" x 16", S4S, dried, SL., f.o.b. mill.....	M bd. ft.	90.881	91.249	87.313
Boards, No. 2, 1"x6"xRL., S4S, dried, SL., c/l mixed cars, f.o.b. mill.....	M bd. ft.	81.905	82.274	78.239
Ponderosa pine boards, No. 3, 1"x12", RL., S4S, dry, c/l or mixed cars, f.o.b. mill.....	M bd. ft.	76.060	75.500	74.940
Oak, red, flooring, select, plain, 25/32" thick, 2-1/4" face, bundled, c/l, f.o.b. mill	M bd. ft.	179.412	179.216	167.947
Maple flooring, 2d grade, 25/32"x2-1/4" face, SL, c/l, f.o.b. mill.....	M bd. ft.	212.912	207.657	210.560
MILLWORK				
Door, flush type, interior, hardwood face, veneer, premium grade, as per CS-200-55, 26"x6'8"x1-3/8", f.o.b. factory, c/l, freight allowed.....	Each	7.934	7.934	7.822
Window unit, wood, double hung, Ponderosa pine, 2'4"x4'6", with frame sash, glazing, weather stripping and sash balance as per CS-190-53, mixed c/l, f.o.b. factory	Each	14.221	14.221	13.203
PLYWOOD				
Douglas fir, interior, grade A-D, 1/4"x48"x96", 3 ply, f.o.b. mill.....	M sq. ft.	66.546	65.304	71.559
Douglas fir, interior, grade C-D, 5/16"x48"x96", 5 ply, f.o.b. mill.....	M sq. ft.	92.000	89.931	92.331
Plywood, birch, standard panel, grade 1-3 or 1-4, type II glue, 3 ply 1/4" thick, 48"x96", c/l, f.o.b. factory.....	M sq. ft.	215.367	213.088	214.390
PREPARED PAINT				
Latex, water-thinned, inside, first grade, delivered.....	Gallon	3.295	3.295	2.743
Varnish, floor, first grade, delivered.....	Gallon	4.138	4.138	4.126
Enamel, white or colors, gloss, first grade, delivered.....	Gallon	5.127	5.127	5.133
Inside, flat, white, first grade, delivered	Gallon	3.401	3.401	3.396
Outside, white or colors, first grade, delivered.....	Gallon	4.797	4.797	4.803
METAL PRODUCTS				
Structural shapes, carbon steel, 6"x4"x1/2" angles, 30' long, ASTM spec. A-7, base quantity, f.o.b. mill	100 lb.	6.167	6.167	6.167
Bars, reinforcing, carbon steel, 3/4" round x 30' long with 10% shorts, ASTM spec. A-15, 57T, base quantity, f.o.b. mill	100 lb.	6.385	6.385	6.385
Sheets, galvanized, carbon steel, 24 gage x 30" wide x 96" long, commercial coating, base chemistry, base packaging, base quantity, f.o.b. mill	100 lb.	8.765	8.765	8.695
Pipe, standard, black, carbon steel, buttweld, threaded and coupled, 1-1/4" nominal, random lengths c/l, wt. 228 lbs. per 100', f.o.b. mill.....	100 ft.	19.905	19.905	19.905
Pipe, standard, galvanized, carbon steel, buttweld, threaded and coupled, 1-1/4" nominal, random lengths c/l, wt. 228 lbs. per 100', f.o.b. mill.....	100 ft.	23.585	23.585	23.583
Nails, wire, carbon steel, 8d common, c/l, f.o.b. mill	100 lb.	9.825	9.825	9.828
Soil pipe, cast iron, 4", single hub, extra heavy, f.o.b. foundry.....	5' length	3.745	3.745	3.617
Copper water tubing, type L, 3/4" size, .045" wall thickness, shipped in 60' coils, 10,000' lots or more, f.o.b. mill, freight allowed.....	Foot	.288	.288	.270
Building wire, type RH-RW, size 12, solid, single braid, f.o.b. destination, or freight prepaid or allowed on specified amounts	M ft.	19.263	19.263	16.380
Insect screening, aluminum, 18x14 mesh, 30" wide, c/l, f.o.b. factory.....	100 sq. ft.	5.890	5.890	5.890

See footnotes at end of table.

Table E-3: Wholesale Prices of Selected Construction Materials--Continued

Commodity	Unit	1960		1959	
		Jan.	Dec.	Jan.	Jan.
PLUMBING EQUIPMENT					
Bathtub, 5', enameled iron, recessed per CS77-56, f.o.b. factory, freight allowed	Each	\$59.133	\$55.757	\$50.725	
Lavatory, 20" x 18" and 19" x 17", enameled iron, straightback, per CS77-56 f.o.b. plant, freight allowed.....	Each	13.718	13.551	12.422	
Water closet, vitreous china, closed coupled, reverse trap, per CS20-56, f.o.b. plant, freight allowed.....	Each	24.529	24.142	21.991	
Sink, 32" x 21", enameled steel, acid resisting, 2-compartment, per CS144-47 f.o.b. plant, freight allowed.....	Each	12.711	12.711	13.130	
HEATING EQUIPMENT					
Convectors, nonferrous, free standing, average steam rating 40.8 to 43.0, f.o.b. factory, freight allowed	Sq. ft.	.479	.479	.476	
Furnace, warm air: *Steel, forced air, oil fired, with burner, bonnet output 90,000-100,000 BTU, bonnet output rating, complete with standard equipment and controls, c/l or t/l lots, f.o.b. factory, freight allowance.....	Each	225.746	.....	.....
*Steel, forced air, gas fired, jacketed, input rating 75,000 to 85,000 BTU, bonnet output rating, complete with standard equipment and controls, c/l or t/l lots, f.o.b. factory, freight allowance.....	Each	124.447	.....	.....
*Oil burner, mechanical forced draft, .75-1.50 gal. per hr., f.o.b. factory.....	Each	99.884	.....	.....
Water heater, gas fired, automatic, 1-year guarantee, 30-gal. steel storage tank, f.o.b. factory, freight allowed	Each	38.325	(¹)	(¹)	
NONMETALLIC MINERAL PRODUCTS					
Sand, construction, f.o.b. plant	Ton	1.348	1.345	1.319	
Gravel, for concrete, 1-1/2" maximum, f.o.b. plant	Ton	1.626	1.623	1.605	
Crushed stone, for concrete, 1-1/2" maximum, f.o.b. plant	Ton	1.678	1.672	1.680	
Building blocks, concrete, lightweight aggregate, 8" x 8" x 16", f.o.b. plant	Each	.196	.194	.190	
Building brick, clay, f.o.b. plant.....	Thousand	28.511	31.869	31.421	
Partition tile, clay, scored, 4" x 12" x 12", 3-cell, 16 lbs., f.o.b. plant.....	Thousand	143.202	138.087	137.031	
Lath, gypsum, 3/8" x 16" x 48", f.o.b. plant, freight equalized	M sq. ft.	26.174	26.174	26.011	
Wallboard, gypsum, 3/8" x 48", varying lengths, f.o.b. plant, freight equalized	M sq. ft.	34.463	34.463	34.300	
Shingles, asphalt, strip, thick square butt, 210 lbs., f.o.b. factory, freight allowance	Square	5.679	5.679	5.906	
Siding shingles, asbestos cement, f.o.b. plant, freight equalized	Square	12.392	12.277	11.917	

Source: Department of Labor, Bureau of Labor Statistics. * Beginning with January 1960, prices not comparable with those for previous periods because of a change in specification. ¹ Not available.

(NOTE: Tables E-4 and E-5, Union Hourly Wage Scales for Selected Building Trades,
are shown quarterly in the March, June, September, and December issues.)

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Part F--Materials Output

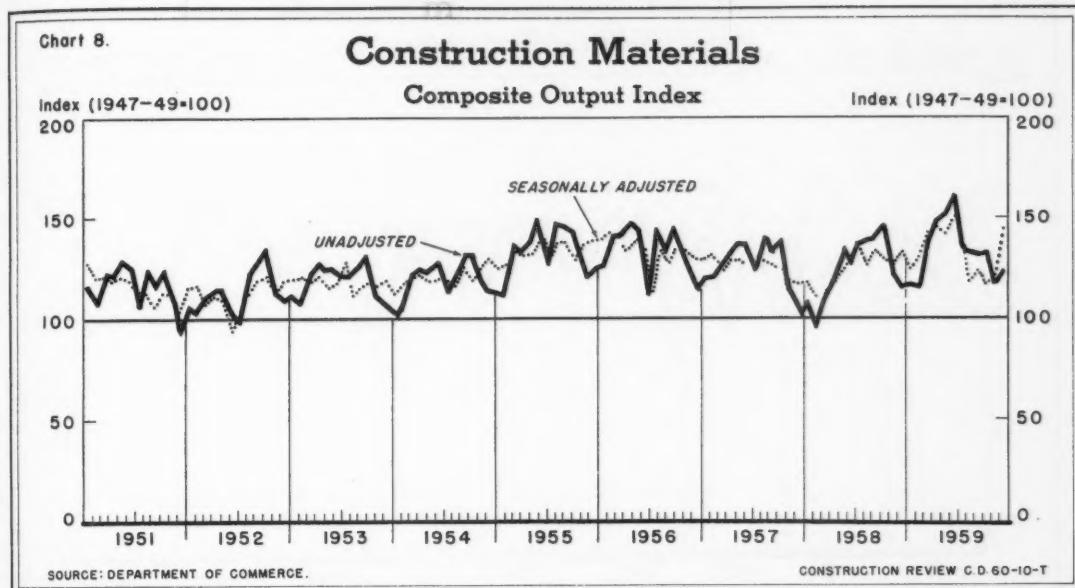


Table F-1: Construction Materials: Indexes of Output (Unadjusted and Seasonally Adjusted)

(Monthly average 1947-49=100)

Materials group	Monthly Indexes												
	Unadjusted						Seasonally adjusted						
	Annual average		1958		1959		1960		1958		1959		1960
	1958	1959	Nov.	Dec.	Nov.	Dec.	Jan.		Nov.	Dec.	Nov.	Dec.	Jan.
Composite	125.5	134.3	120.6	114.6	118.0	124.4	(1)	126.3	133.0	123.7	144.5	(1)	
Lumber and wood products	121.9	137.4	119.8	118.9	130.4	130.2	127.9	126.1	141.2	137.4	155.6	133.9	
Millwork	108.4	121.9	119.3	100.9	92.5	78.1	79.9	126.4	120.1	98.0	93.3	90.8	
Paint, varnish, and lacquer	124.9	133.7	107.5	103.0	109.8	108.0	115.6	124.7	128.8	128.0	136.0	120.0	
Portland cement	155.1	168.8	167.7	141.1	156.1	144.2	111.7	168.2	149.9	156.7	153.2	137.4	
Asphalt products	102.6	106.1	83.1	56.1	81.0	65.0	59.2	94.9	88.9	93.5	103.0	72.7	
Heating and plumbing equipment	127.2	137.1	130.9	124.9	124.8	111.5	(1)	133.6	126.2	127.2	145.2	(1)	
Iron and steel products	123.7	116.4	112.1	108.2	87.7	125.4	(1)	113.6	114.7	88.7	132.7	(1)	
Clay construction products	132.3	148.2	138.4	134.8	150.8	145.7	(1)	134.1	142.8	145.6	154.3	(1)	
Quarterly Indexes (Unadjusted)													
	Annual average		1958		1959		1960		1958		1959		
	1958	1959	4th qtr.		1st qtr.		2d qtr.		3d qtr.		4th qtr.		
Gypsum products	172.5	203.4	186.4		177.4		216.8		228.7		190.7		
Plumbing fixtures	117.3	146.1	129.1		136.7		152.7		145.3		149.5		

Sources: Table compiled by the Department of Commerce (BDSA) from data reported by various Government agencies and by private firms as shown in notes to the tables following in Part F. * Revised. (1) Not available.

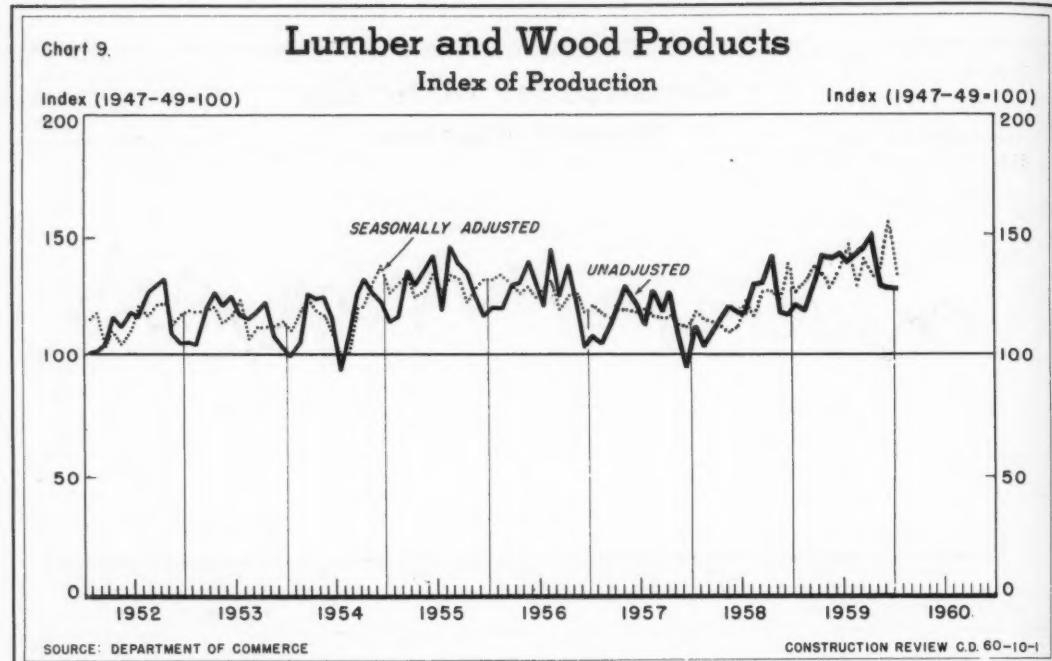


Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber ¹ (Million board feet)			Hardwood flooring ¹ (Thousand board feet)			Douglas fir plywood ² (Million square feet)	Insulating boards ³ (Tons)	Hardboard ³ (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production	Production	Production
1947-49 average	28,252	27,656	4,485	812,365	789,437	44,455	1,802	766,269	294,214
Year: 1957.....	26,758	26,952	5,894	953,706	947,023	107,028	5,379	989,059	568,322
1958.....	27,381	27,665	5,613	927,294	922,789	99,111	6,340	1,026,790	608,623
1959.....	29,709	29,582	5,766	1,034,098	1,022,299	95,470	7,752	1,125,192	836,153
12 months ending:									
October 1959.....	29,403	29,492	.....	1,021,027	1,010,181	.....	7,571	1,130,397	820,008
November 1959.....	29,541	29,489	.....	1,026,972	1,012,776	.....	7,666	1,125,090	830,328
December 1959	29,709	29,582	.....	1,034,098	1,022,299	.....	7,752	1,125,192	836,153
1960: January.....	29,684	29,481	.....	1,032,410	1,019,421	.....	(4)	1,126,483	846,688
1959: January.....	2,152	2,148	5,617	78,269	77,603	95,918	623	81,166	58,338
February.....	2,134	2,129	5,622	73,919	79,666	96,093	592	81,021	63,813
March.....	2,418	2,554	5,486	80,802	86,139	81,704	614	95,713	66,479
April.....	2,575	2,724	5,336	89,563	93,293	76,489	693	107,341	71,202
May.....	2,578	2,678	5,236	88,494	89,622	75,266	675	100,510	73,313
June	2,674	2,711	5,198	92,372	93,574	73,959	654	104,712	74,022
July.....	2,556	2,650	5,106	93,053	89,332	75,079	552	101,855	73,328
August.....	2,571	2,573	5,101	89,749	89,446	75,307	689	100,273	77,834
September.....	2,694	2,556	5,239	92,346	90,570	76,548	642	100,745	73,738
October.....	2,671	2,518	5,420	93,985	87,322	82,277	742	99,084	78,422
November.....	2,299	2,075	5,643	80,379	72,515	87,645	666	76,729	65,004
December.....	2,387	2,266	5,766	81,167	73,217	95,470	610	76,043	60,657
1960: January.....	2,127	2,047	5,847	76,581	74,725	96,058	(4)	82,457	68,863
	Percent change								
January, 1959-60.....	-1	+5	+4	-2	-4	(5)	.....	+2	+18
Year, 1958-59.....	+9	+7	.....	+12	+11	.....	+22	+10	+37

* As of end of period. Table compiled by Department of Commerce (BDSA). Sources: ¹ National Lumber Manufacturers Association.

² Douglas Fir Plywood Association. Monthly data are estimated from quarterly totals. ³ Department of Commerce, Bureau of the Census.

⁴ Not yet available. ⁵ Change of less than one-half of 1 percent. ^r Revised.

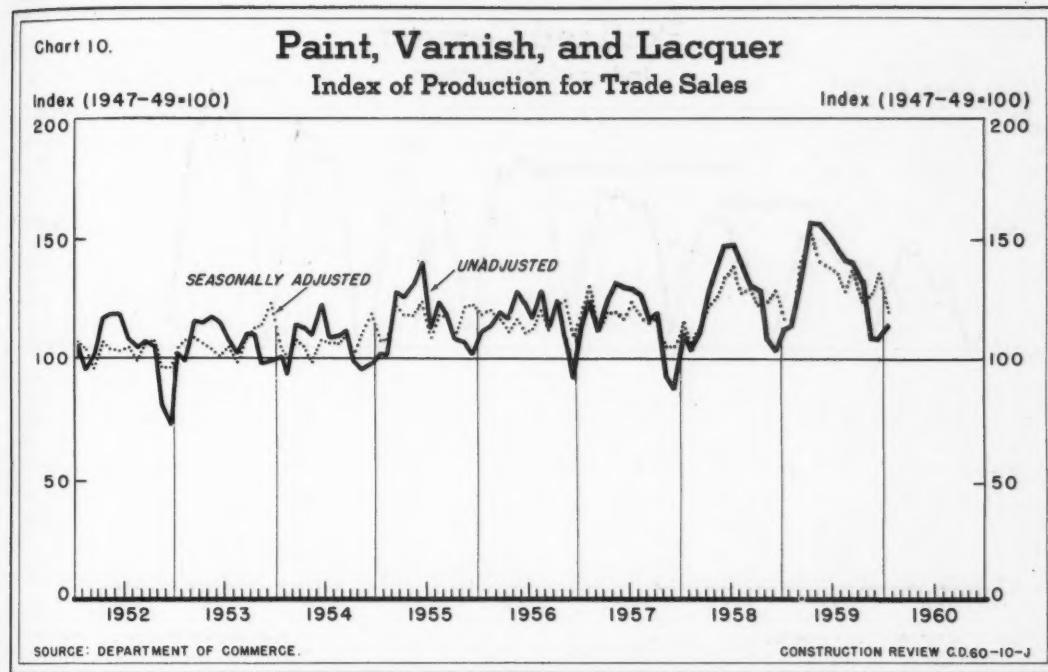


Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

Period	Shipments (Thousands of units)				Production for trade sales (Thousands of gallons)
	Ponderosa pine doors ¹	Hardwood doors ¹	Sash ¹	Exterior frames ¹	
1947-49 average.....	3,768	3,298	311,043	3,4186	266,701
Year: 1957.....	2,028	5,611	9,887	5,273	313,128
1958.....	1,919	4,439	9,666	5,678	333,100
1959.....	2,474	4,613	11,049	7,118	356,700
12 months ending:					
October 1959.....	2,534	4,753	11,571	7,277	355,100
November 1959.....	2,516	4,657	11,327	7,181	355,600
December 1959.....	2,474	4,613	11,049	7,118	356,700
1960: January.....	2,445	4,445	10,847	7,009	357,200
1959: January.....	167	433	789	465	25,200
February.....	228	368	799	458	25,400
March.....	202	402	856	516	30,300
April.....	241	400	987	672	35,000
May.....	226	413	1,071	777	34,700
June.....	223	455	1,075	785	33,500
July.....	190	333	946	636	32,400
August.....	230	436	1,053	755	31,400
September.....	228	450	1,032	686	31,100
October.....	221	377	1,059	623	29,300
November.....	173	292	768	408	24,400
December.....	145	254	614	338	24,000
1960: January.....	139	265	587	356	25,700
Percent change					
January, 1959-60.....	-17	-39	-26	-23	+2
Year, 1958-59.....	+29	+4	+14	+25	+7

Table compiled by Department of Commerce (BDSA). Sources: ¹National Wood Work Manufacturers Association (whose data are from member firms only and are not adjusted to represent full coverage). ²Department of Commerce, Bureau of the Census. ³Production. Beginning with January 1959 data for shipments only have been available. Special tabulations prepared by the source agency indicate only minor differences between production and shipments. See NOTE to this table in the April 1959 issue.

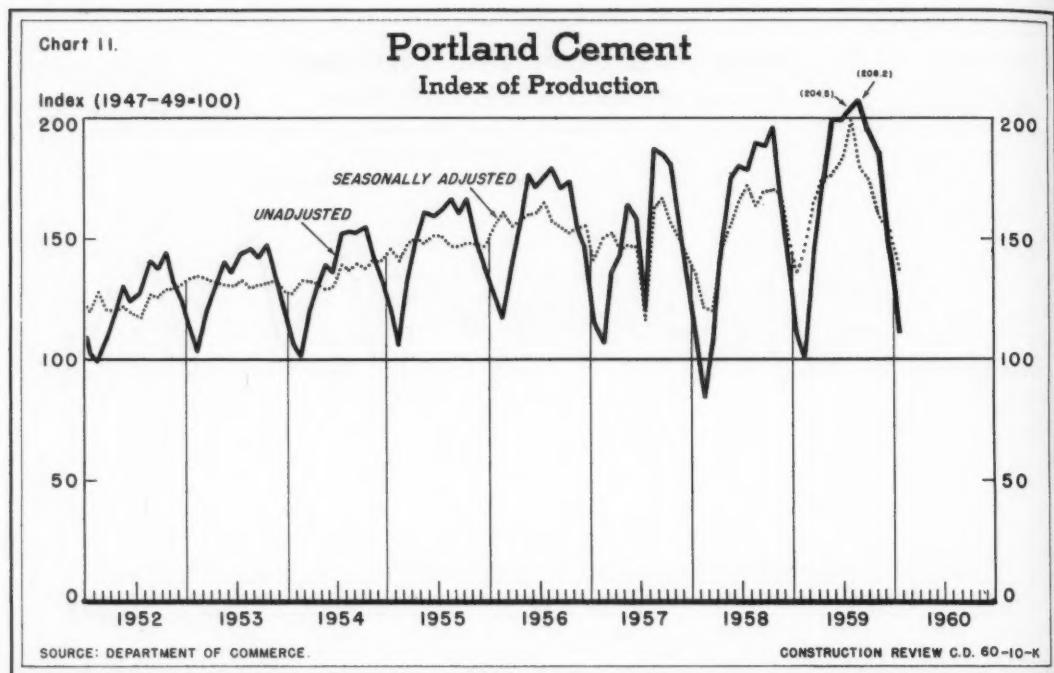


Table F-4: Portland Cement, and Asphalt and Gypsum Products: Production, Shipments, and Stocks

Period	Production (Thousands of barrels)	Shipments (Thousands of squares)	Stocks*	Shipments (Thousands of squares)				Shipments ** (Million square feet)	
				Asphalt prepared roofing ²	Asphalt siding ²	Asphalt insulated brick siding ²	Asphalt and tar saturated felts ²	Gypsum board ¹	Gypsum lath ¹
				Portland cement ¹					
1947-49 average	200,607	199,306	11,922	61,252	3,365	2,811	17,087	2,478	2,075
Year: 1957.....	297,801	291,741	28,550	53,326	1,036	1,764	30,761	4,505	2,224
1958.....	311,319	309,650	30,800	58,228	1,040	1,616	31,840	5,185	2,153
1959.....	338,529	337,950	31,328	59,821	952	1,516	34,252	.....	.....
12 months ending:									
October 1959.....	339,939	336,729	.....	59,424	978	1,545	33,982	.....	.....
November 1959.....	338,008	334,190	.....	59,331	958	1,525	34,011	.....	.....
December 1959.....	338,529	337,950	.....	59,821	952	1,516	34,252	.....	.....
January 1960.....	338,594	336,315	.....	59,769	951	1,486	34,154	.....	.....
1959: January.....	18,604	14,544	34,838	2,698	54	76	1,964	1,393	497
February	16,710	14,943	36,605	3,365	67	69	2,223		
March.....	24,329	23,250	37,759	6,950	110	107	4,032		
April.....	29,093	30,423	36,381	3,985	53	143	2,672		
May.....	33,428	33,278	36,528	4,749	62	159	2,794		
June.....	33,455	36,361	33,621	5,563	69	156	3,116		
July.....	34,182	37,370	30,417	6,163	88	176	3,403		
August.....	34,800	37,111	28,104	5,916	87	168	2,918		
September.....	32,590	35,351	25,341	6,525	109	165	3,183		
October.....	31,127	32,523	23,912	7,255	124	145	3,671		
November.....	26,100	22,219	27,794	3,771	77	93	2,222		
December.....	24,111	20,577	31,328	2,881	52	59	2,054		
1960: January.....	18,669	12,909	37,088	2,646	53	46	1,866	.....	.....
Percent change									
January, 1959-60.....	(3)	- 11	+ 6	- 2	- 2	- 39	- 5	.....	.....
Year, 1958-59.....	+ 9	+ 9	.....	+ 3	- 8	- 6	+ 8	+ 21	+ 9

*As of end of period. **Data reported on a quarterly basis. Table compiled by Department of Commerce (BDSA). Sources: ¹Department of Interior, Bureau of Mines. ²Department of Commerce, Bureau of the Census. Change of less than one-half of 1 per cent.

Table F-5: Portland Cement: Destination of Shipments, by State

(Thousands of barrels)

State	1959		1960	Calendar year			12 months ending--		
	Nov.	Dec.	Jan.	1956	1957	1958	Nov. 1959	Dec. 1959	Jan. 1960
Alabama	327	384	239	4,935	4,627	4,768	4,969	5,019	4,920
Arizona	262	341	339	2,621	2,778	3,608	3,863	3,858	3,840
Arkansas	162	137	95	1,841	1,684	2,125	2,580	2,634	2,628
California	3,045	2,809	2,121	35,854	32,910	34,076	38,799	38,648	38,302
Colorado	274	303	141	3,703	4,027	4,183	4,296	4,315	4,276
Connecticut	235	169	120	4,325	5,188	3,206	3,100	3,132	3,155
Delaware	64	42	37	1,086	905	861	1,107	1,112	1,119
District of Columbia	97	109	85	1,327	1,172	1,524	1,604	1,609	1,615
Florida	1,083	1,163	1,045	9,499	9,985	11,397	13,344	13,547	13,500
Georgia	465	450	277	5,381	4,675	5,726	6,578	6,564	6,372
Idaho	79	60	23	1,074	959	1,453	1,268	1,231	1,185
Illinois	931	1,081	364	16,719	16,238	19,388	17,545	18,133	18,093
Indiana	467	468	207	9,181	7,045	7,328	8,436	8,700	8,723
Iowa	230	252	67	6,774	5,810	7,749	7,506	7,613	7,587
Kansas	447	466	121	6,963	4,980	6,396	6,781	6,887	6,783
Kentucky	284	202	113	3,509	3,281	3,074	4,114	4,201	4,221
Louisiana	719	663	457	8,303	7,585	8,043	8,918	8,908	8,740
Maine	57	39	21	978	964	956	1,097	1,105	1,106
Maryland	400	313	245	5,764	5,176	4,660	5,203	5,292	5,360
Massachusetts	365	329	199	5,848	4,922	4,762	4,506	4,597	4,633
Michigan	804	622	255	16,215	14,498	13,999	14,928	15,211	15,199
Minnesota	243	272	96	5,515	5,481	6,204	6,236	6,309	6,296
Mississippi	193	192	123	1,977	2,190	2,778	3,062	3,064	3,021
Missouri	554	512	200	7,646	6,851	7,637	8,687	8,827	8,805
Montana	52	55	18	1,405	1,377	1,394	1,412	1,427	1,415
Nebraska	219	207	49	3,352	2,651	3,833	3,921	3,980	3,929
Nevada	66	54	38	616	554	568	778	781	778
New Hampshire	57	51	31	926	637	584	666	685	701
New Jersey	636	508	395	9,428	7,952	7,902	8,592	8,668	8,758
New Mexico	182	172	120	2,086	2,206	2,430	3,194	3,107	2,995
New York	1,459	1,238	886	20,400	19,175	19,213	19,760	20,295	20,541
North Carolina	538	473	247	4,384	4,647	4,441	5,395	5,639	5,604
North Dakota	31	25	11	1,294	1,930	1,657	1,999	2,011	2,008
Ohio	1,240	912	400	17,554	17,306	16,186	18,812	19,313	19,345
Oklahoma	352	375	135	4,815	4,917	5,131	5,364	5,373	5,207
Oregon	193	197	103	2,565	2,532	2,593	2,843	2,899	2,848
Pennsylvania	948	682	537	15,445	14,288	15,172	15,685	15,781	15,880
Rhode Island	40	38	23	819	762	818	626	638	645
South Carolina	224	230	145	2,359	2,010	2,204	2,546	2,612	2,561
South Dakota	52	74	30	1,374	1,071	1,392	1,621	1,665	1,672
Tennessee	332	301	177	4,843	4,153	4,288	5,072	5,139	5,115
Texas	1,627	1,597	1,176	20,953	18,892	22,322	23,920	23,708	23,121
Utah	180	128	49	2,010	1,791	2,118	2,217	2,210	2,176
Vermont	28	14	6	334	302	353	359	363	363
Virginia	459	388	278	5,419	5,436	5,180	6,200	6,356	6,373
Washington	314	326	216	4,677	5,078	6,555	5,866	5,737	5,648
West Virginia	123	92	58	1,937	2,269	1,986	2,063	2,081	2,076
Wisconsin	367	305	168	6,768	6,771	6,751	7,423	7,531	7,551
Wyoming	64	70	56	655	688	962	1,078	1,102	1,123

Table compiled by Department of Commerce (BDSA) from data reported by Department of Interior, Bureau of Mines.

NOTE: Alaska and Hawaii have been omitted to avoid disclosure of individual company operations.

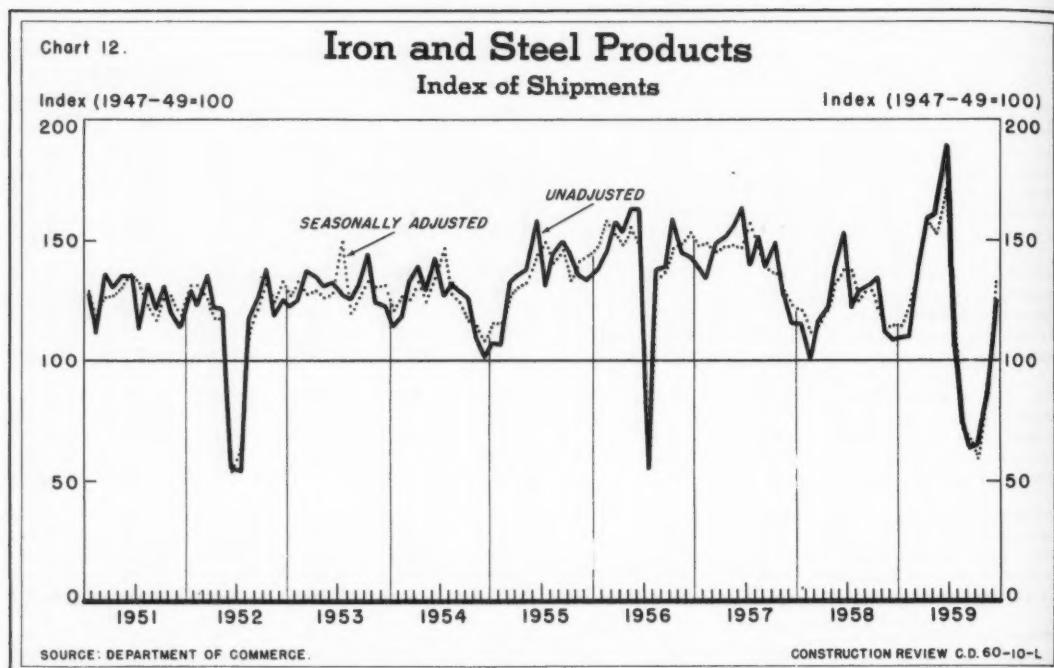


Table F-6: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

Period	Shipments							Ship- ments	Book- ings	Back- log ⁴	
	Line pipe ¹	Concrete reinforc- ing bars ¹	Gal- vanized sheets ¹	Nails ¹	Piling ¹	Rails ¹	Cast-iron pipe ²				
							Pres- sure	Soil			
1947-49 average	1,975	1,523	1,669	797	309	2,167	1,075	604	226	2,639	2,442
Year: 1957.....	4,217	2,300	2,393	447	569	1,283	1,352	757	352	4,180	3,073
1958.....	2,608	2,034	2,827	418	440	580	1,278	789	327	3,664	2,773
1959.....	2,803	2,174	2,771	392	341	632	1,441	866	295	2,904	3,223
12 months ending:											
October 1959	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	1,436	976	300	3,026	3,036
November 1959	2,679	2,104	2,735	370	331	616	1,434	872	287	2,935	3,053
December 1959	2,803	2,174	2,771	392	341	632	1,441	866	295	2,904	3,223
January 1960.....	2,867	2,225	2,815	404	356	681	(⁵)	(⁵)	299	2,889	3,208
1958: December	145	143	266	22	35	43	85	57	23	267	197
1959: January.....	222	134	279	30	30	56	76	58	29	224	236
February	227	150	282	31	24	76	76	56	23	216	294
March	307	228	317	43	35	103	108	90	21	260	255
April	433	280	329	46	49	83	130	84	26	291	295
May.....	446	256	317	51	54	105	142	76	29	294	242
June.....	477	380	350	61	61	104	161	85	38	365	291
July.....	184	142	181	20	23	43	133	80	33	239	259
August	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	146	80	25	220	197
September.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	143	76	17	183	284
October.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	140	70	10	195	244
November	136	163	197	34	20	12	96	60	12	181	260
December.....	268	213	302	44	44	59	92	51	31	236	366
1960: January.....	286	185	323	43	46	105	(⁵)	(⁵)	34	209	221
Percent change											
December, 1958-59.....	+ 85	+ 49	+ 14	+ 103	+ 29	+ 37	+ 8	- 11	+ 35	- 12	+ 86
Year, 1958-59.....	+ 7	+ 7	- 2	- 6	- 23	+ 9	+ 13	+ 10	- 10	- 21	+ 16

* Scheduled for fabrication in the next 4 months. Table compiled by the Department of Commerce (BDSA). Sources: ¹ American Iron and Steel Institute. ² Department of Commerce, Bureau of the Census. ³ National Electric Manufacturers Association. ⁴ American Institute of Steel Construction, Inc. ⁵ Not yet available.

Table F-7: Clay Construction Products: Production and Shipments

Period	Brick, common and face (Million brick)		Structural clay tile (Thousands tons)		Vitrified clay sewer pipe (Thousands tons)		Hollow facing tile (Million brick equivalent)		Glazed & unglazed floor & wall tile (Thousands square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1947-49 average	5,504	5,324	1,286	1,231	1,451	1,375	357	341	104,800	101,088
Year: 1957	6,658	6,306	687	641	1,836	1,629	465	441	212,114	207,094
1958	6,489	6,459	574	543	1,773	1,772	484	453	221,768	215,710
1959	7,300	7,241	550	519	2,017	1,970	438	417	257,855	252,403
12 months ending:										
September 1959.....	7,193	7,286	560	544	1,994	1,967	458	435	247,188	244,990
October 1959.....	7,225	7,243	556	534	2,001	1,963	449	430	250,280	247,475
November 1959.....	7,265	7,205	558	523	2,000	1,957	443	424	254,852	250,423
December 1959.....	7,300	7,241	550	519	2,017	1,970	438	417	257,855	252,403
1958: December.....	535	426	48	38	149	118	39	38	20,031	18,476
1959: January.....	465	365	44	38	131	101	36	33	19,789	17,564
February.....	442	389	34	35	136	100	32	29	18,265	18,012
March.....	542	598	40	40	153	153	35	31	20,221	19,818
April.....	618	685	47	50	183	186	36	36	21,069	21,685
May.....	629	709	51	48	177	182	37	38	21,093	21,534
June.....	671	737	47	50	184	195	39	38	21,382	22,212
July.....	687	724	51	51	186	196	40	40	20,710	22,260
August.....	673	687	50	49	175	199	38	37	21,227	21,972
September.....	691	690	48	46	174	194	38	35	23,333	22,411
October.....	694	654	49	44	191	186	38	38	24,669	23,916
November.....	618	542	48	36	160	146	34	31	23,063	20,563
December	570	462	39	34	165	131	34	31	23,034	20,456
Percent change										
December, 1958-59.....	+ 7	+ 8	- 18	- 10	+ 11	+ 11	- 14	- 18	+ 15	+ 11
Year, 1958-59.....	+ 12	+ 12	- 4	- 4	+ 14	+ 11	- 10	- 8	+ 16	+ 17

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census.

Table F-8: Clay Construction Products: Production and Shipments, by Census Region¹

Census region	PRODUCTION				SHIPMENTS			
	1959				1959			
	December	November	October	September	December	November	October	September
Brick, common and face (thousands)								
U. S. TOTAL	569,923	617,829	694,351	690,961	461,576	541,673	654,178	689,635
New England	10,100	10,554	13,170	16,819	9,627	12,045	14,470	15,086
Middle Atlantic	88,151	89,690	100,721	95,933	68,571	83,850	104,801	105,922
East North Central	111,838	123,905	151,815	156,896	84,899	102,719	140,841	157,460
West North Central	33,358	35,929	39,175	37,191	23,453	27,917	35,209	37,255
South Atlantic	139,778	151,724	160,864	158,876	112,601	132,311	145,802	157,081
East South Central	64,341	72,975	80,940	84,034	53,786	65,202	80,133	84,330
West South Central	77,558	80,217	86,003	82,778	61,895	70,238	78,002	78,867
Mountain	26,613	25,993	30,870	29,571	24,939	24,194	28,329	29,636
Pacific	18,186	26,842	30,793	28,863	21,805	23,197	26,591	23,998
Structural clay tile (tons)								
U. S. TOTAL	38,918	48,448	49,386	47,842	33,921	35,569	44,492	45,624
Middle Atlantic	4,991	5,367	4,699	4,595	3,380	3,967	4,850	4,294
East North Central	2,688	2,711	5,713	4,072	1,836	1,790	4,258	3,715
West North Central	5,888	8,089	8,147	7,190	5,909	6,309	8,147	7,391
South Atlantic	7,466	10,756	9,789	11,631	6,582	8,198	9,584	11,034
East South Central	1,966	1,989	2,628	2,379	2,319	1,902	2,317	2,208
West South Central	13,979	17,055	17,136	15,754	12,134	11,918	13,921	15,064
Mountain & Pacific	1,940	2,481	1,274	2,221	1,761	1,485	1,415	1,918
Vitrified clay sewer pipe (tons)								
U. S. TOTAL	165,365	160,101	190,519	174,301	131,311	146,186	185,924	194,327
Middle Atlantic	10,310	11,416	15,230	11,445	8,679	11,072	16,055	14,841
East North Central	56,963	59,774	70,954	69,150	40,662	50,667	68,306	75,295
West North Central	18,356	16,652	19,575	17,420	11,676	13,507	19,967	20,005
South Atlantic	23,663	22,234	23,292	22,971	22,286	21,323	21,924	21,790
E. & W. South Central	23,785	18,987	28,623	22,529	18,906	18,955	25,990	26,338
Mountain	4,800	4,836	5,415	5,048	4,183	4,230	4,717	5,210
Pacific	27,488	26,202	27,430	25,738	24,919	26,432	28,965	30,848

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. Regions, and nonfarm population distribution by region, are shown under table A-2.

¹ Composition of

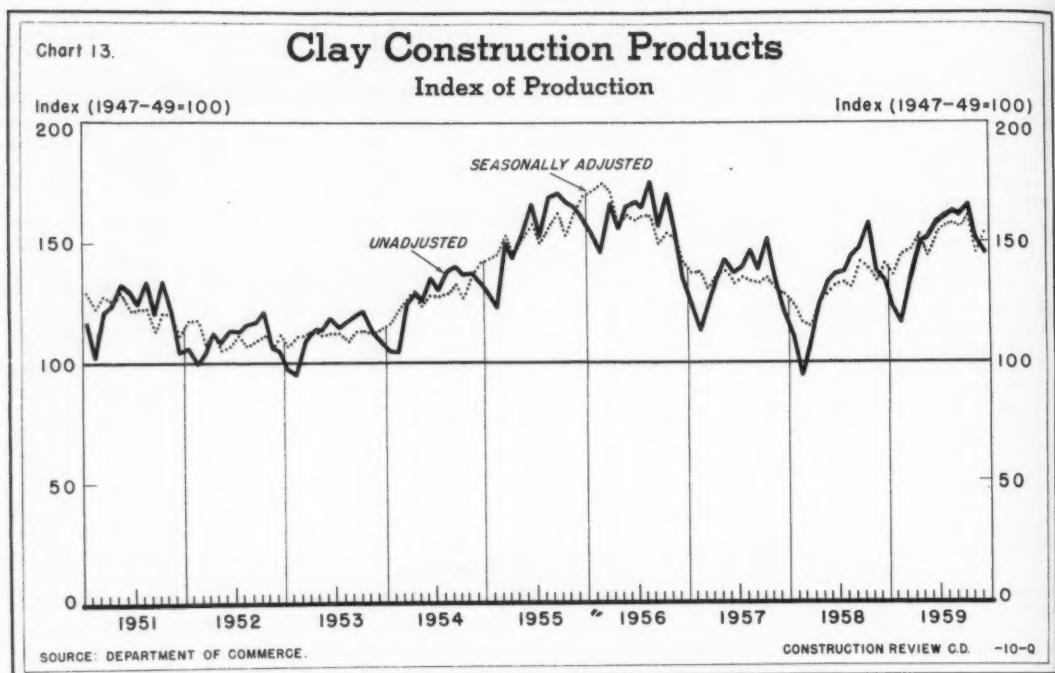


Table F-9: Heating and Plumbing Equipment: Shipments and Stocks

Period	Gas water heaters (Thousands of units)		C. I. convectors and radiators (Thousands of square feet)		Warm air furnaces (Thousands of units)		Floor and wall furnaces (Thousands of units)		Residential oil burners (Thousands of units)
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	
1947-49 average	1,818	67	50,980	4,377	794	69	552	44	541
Year: 1956.....	2,712	134	29,567	3,810	1,355	218	492	70	532
1957.....	2,825	79	24,892	3,482	1,131	183	469	65	425
1958.....	2,914	83	22,350	3,182	1,248	170	485	49	382
1959.....	2,808	73	19,937	3,112	1,415	152	575	52	429
12 months ending:									
September 1959.....	2,896	.....	20,876	.....	1,406	.....	573	.....	441
October 1959.....	2,876	.....	20,147	.....	1,425	.....	572	.....	430
November 1959.....	2,852	.....	20,059	.....	1,424	.....	581	.....	436
December 1959.....	2,808	.....	19,937	.....	1,415	.....	575	.....	429
1959: January.....	253	77	1,446	3,791	89	172	41	57	33
February.....	247	78	1,415	4,234	86	191	42	61	30
March.....	253	86	1,713	4,596	95	207	38	59	29
April.....	248	75	1,801	4,715	98	220	43	59	29
May.....	228	104	1,074	5,305	101	230	40	69	31
June.....	237	94	1,438	5,379	119	226	43	77	40
July.....	235	56	1,601	4,756	126	205	46	69	34
August.....	241	45	1,731	4,613	151	184	54	67	42
September.....	231	69	2,306	3,859	171	169	62	58	51
October.....	263	53	2,302	3,270	172	149	72	54	51
November.....	190	42	1,858	2,869	120	137	54	47	31
December.....	183	73	1,252	3,112	87	152	40	52	20
Percent change									
December, 1958-59.....	-19	-12	-9	-2	-9	-10	-12	+5	-28
Year, 1958-59.....	-4	.....	-11	.....	+13	.....	+19	.....	+12

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census.

1 Sold separately. 2 Revised.

* As of end of period.

(NOTE: Table F-10, Imports and Exports of Selected Construction Materials, is shown quarterly in the March, June, September, and December issues.)

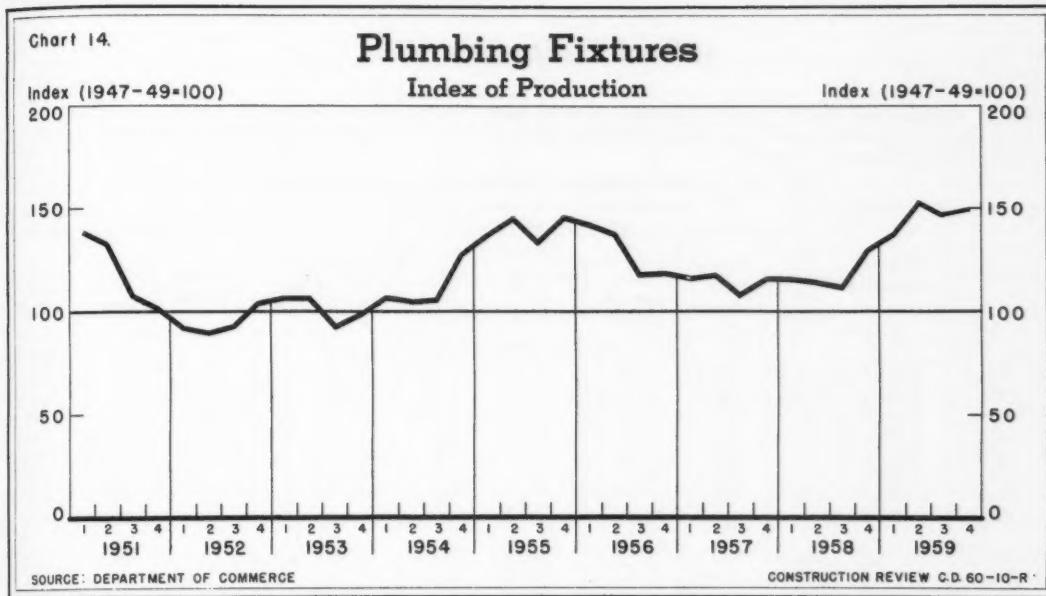


Table F-11: Plumbing Fixtures: Production, Shipments, and Stocks

Type of fixture	Number of fixtures					Percent change,				
	4th quarter 1959			Year 1959		4th quarter, 1958-59			Year, 1958-59	
	Production	Shipments	Stocks*	Production	Shipments	Production	Shipments	Stocks*	Production	Shipments
Lavatories.....	1,220,630	1,090,103	622,972	4,487,953	4,390,212	+ 21	+ 11	+ 17	+ 22	+ 17
Vitreous china.....	709,545	650,790	399,499	2,638,445	2,584,773	+ 13	+ 11	+ 15	+ 23	+ 19
Cast-iron.....	444,944	375,348	189,422	1,564,989	1,531,014	+ 46	+ 17	+ 20	+ 22	+ 18
Steel.....	66,141	63,965	34,051	284,519	274,425	- 17	- 16	+ 19	+ 12	+ 1
Water closets.....	1,415,248	1,267,717	510,828	5,234,590	5,093,544	+ 26	+ 17	+ 34	+ 30	+ 20
Syphon jet.....	152,857	131,217	101,752	553,603	555,296	+ 19	+ 12	- 1	+ 12	+ 15
Washdown.....	575,696	528,663	188,839	2,191,522	2,120,429	+ 19	+ 13	+ 46	+ 25	+ 17
Reverse trap.....	686,695	607,837	220,237	2,489,465	2,417,819	+ 34	+ 21	+ 47	+ 39	+ 25
Flush tanks, vitreous china.....	1,244,076	1,120,034	473,906	4,626,061	4,471,149	+ 26	+ 16	+ 46	+ 36	+ 24
Urinals, vitreous china.....	48,592	42,659	27,338	174,589	177,027	+ 21	+ 10	- 9	+ 22	+ 13
Kitchen sinks.....	536,626	523,705	266,568	2,287,421	2,285,729	+ 4	- 1	- 2	+ 14	+ 10
Cast-iron.....	228,232	206,114	128,608	896,212	875,609	+ 24	+ 6	+ 14	+ 12	+ 7
Steel.....	308,120	316,871	137,583	1,387,756	1,406,610	- 8	- 4	- 13	+ 15	+ 11
Other metals and glazed earthenware.....	274	720	377	3,453	3,510	- 61	- 5	- 13	+ 113	+ 71
Wash sinks.....	5,554	5,589	4,680	19,660	22,862	- 16	+ 4	- 40	- 24	- 4
Service sinks.....	23,477	23,089	18,795	100,367	101,922	+ 6	+ 4	- 9	- 8	- 2
Sink and laundry tray comb.	18,696	18,324	16,903	81,533	76,695	+ 23	- 16	+ 42	+ 1	- 7
Laundry trays.....	22,059	20,360	8,595	75,896	77,655	+ 22	+ 12	- 16	+ 1	(1)
Bathtubs.....	625,687	555,319	258,323	2,577,236	2,503,611	+ 8	(1)	+ 41	+ 22	+ 16
Cast-iron.....	445,402	376,743	195,251	1,754,020	1,677,851	+ 19	+ 2	+ 65	+ 24	+ 15
Steel.....	180,285	178,576	63,072	823,216	825,760	- 12	- 3	- 4	+ 17	+ 18
Showers stalls, including receptors.....	40,735	37,583	11,989	189,957	187,951	+ 11	+ 2	+ 3	+ 5	+ 3

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. * As of end of period.

* As of end of period.

¹ Change of less than one-half of 1 percent.

Part G-Employment

NOTE: Beginning with data for January 1958, employment estimates for all States and areas (except as noted) are classified according to the Standard Industrial Classification Manual issued in 1957 by the Bureau of the Budget and are not strictly comparable with data for earlier periods.

Table G-1: Contract Construction: Employment by Type of Contractor

Period	All contractors	Building contractors						Nonbuilding contractors				
		All building contractors	General contractors	Special trades contractors				All non-building	Highway and street	Other non-building		
				All special trades	Plumbing and heating	Painting and decorating	Electrical work					
NUMBER OF EMPLOYEES (in thousands)												
Year:	1952.....	2,634.0	2,119.0	948.3	1,170.8	287.7	156.5	570.9	514.0	209.4	305.0	
	1953.....	2,622.0	2,109.0	934.0	1,175.1	288.9	148.1	559.7	513.0	214.9	297.8	
	1954.....	2,593.0	2,090.0	885.7	1,204.0	295.7	143.8	564.4	503.0	217.4	285.6	
	1955.....	2,759.0	2,243.0	922.6	1,320.8	317.0	162.3	168.4	673.1	516.0	232.4	284.0
	1956.....	2,929.0	2,336.0	970.0	1,366.0	328.7	170.9	186.2	680.2	593.0	257.9	335.3
	1957.....	2,808.0	2,222.0	869.3	1,352.7	321.7	164.2	188.9	677.9	586.0	250.1	335.6
	1958.....	2,648.0	2,079.0	750.6	1,328.6	303.6	169.6	173.2	682.2	569.0	256.0	313.2
	1959.....	2,764.0	2,180.0	758.6	1,421.8	310.3	201.3	174.0	736.2	584.0	271.2	312.5
1959:	Jan.....	2,343.0	1,906.0	650.8	1,255.3	295.8	147.8	170.9	640.8	437.0	175.7	261.6
	Feb.....	2,256.0	1,837.0	623.5	1,213.2	287.6	141.5	165.6	618.5	419.0	164.3	254.6
	Mar.....	2,417.0	1,945.0	671.8	1,273.2	292.6	154.0	160.4	666.2	472.0	194.0	277.6
	Apr.....	2,662.0	2,091.0	742.2	1,348.5	301.6	174.4	161.6	710.9	571.0	254.9	315.8
	May.....	2,834.0	2,184.0	776.5	1,407.6	305.3	199.4	169.6	733.3	650.0	310.5	339.8
	June.....	2,986.0	2,301.0	824.0	1,477.2	314.0	217.7	176.5	769.0	685.0	335.0	350.0
	July.....	3,035.0	2,348.0	836.7	1,511.3	323.5	239.9	179.1	768.8	687.0	343.0	344.1
	Aug.....	3,107.0	2,419.0	849.5	1,569.8	330.8	246.9	184.2	807.9	688.0	347.2	340.4
	Sept.....	3,043.0	2,383.0	827.7	1,555.2	329.1	239.9	185.1	801.1	660.0	329.5	330.8
	Oct.....	2,961.0	2,327.0	801.6	1,524.9	322.6	228.4	181.1	792.8	634.0	309.5	324.0
	Nov.....	2,856.0	2,269.0	764.8	1,504.6	314.5	222.0	180.1	788.0	587.0	270.8	316.6
	Dec.....	2,699.0	2,181.0	725.5	1,455.2	308.6	204.9	176.3	765.4	518.0	220.5	297.0
1960:	Jan.....	2,447.0	2,012.0	659.6	1,352.1	296.7	182.6	171.4	701.4	435.0	169.2	265.6
	Feb.....	* 2,377.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Percent change												
Dec. 1959;	- 9.3	- 7.7	- 9.1	- 7.1	- 3.9	- 10.9	- 2.8	- 8.4	- 16.0	- 23.3	- 10.6	
Jan. 1960....	+ 4.4	+ 5.6	+ 1.4	+ 7.7	+ .3	+ 23.5	+ .3	+ 9.5	- .5	- 3.7	+ 1.5	
Jan. 1959-60..												

Source: Department of Labor, Bureau of Labor Statistics. * Percent change: Jan.-Feb. 1960, -2.9; Feb. 1959-60, +5.4. ¹ Not yet available. ^r Revised.

Table G-2: Contract Construction: Number of Employees (Seasonally Adjusted)

(In thousands)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949.....	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950.....	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951.....	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952.....	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953.....	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954.....	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955.....	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956.....	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957.....	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958.....	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959.....	2,650	2,626	2,719	2,829	2,787	2,799	2,800	2,814	2,776	2,762	2,792	2,800	2,764
1960.....	2,768	2,767											

Source: Department of Labor, Bureau of Labor Statistics. ^r Revised.

Table G-3: Contract Construction: Employment, by State

State	Number of employees (in thousands)											Percent change, Jan. 1959-60	
	1959												
	Jan.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.		
Alabama	39.1	41.9	44.4	46.1	47.3	48.2	46.6	45.7	45.7	41.8	39.8	+ 2	
Arizona	28.6	29.7	30.1	26.0	18.0	28.0	30.8	31.4	31.4	31.2	29.9	+ 5	
Arkansas ¹	14.9	18.3	19.0	20.0	20.8	21.6	21.2	20.1	18.1	16.7	15.1	+ 1	
California	262.2	281.1	290.7	293.6	299.8	306.4	300.3	299.0	293.1	289.0	273.8	+ 4	
Colorado	30.6	31.5	33.5	35.4	36.8	36.3	35.5	36.5	35.2	34.2	31.7	+ 4	
Connecticut ²	39.0	39.1	41.2	44.1	45.8	46.5	46.6	45.2	45.2	42.5	39.6	+ 2	
Delaware	9.4	11.8	12.2	13.1	13.2	13.4	13.0	13.0	13.0	12.6	11.2	+ 19	
District of Columbia	20.0	21.9	22.2	22.9	23.5	24.6	24.2	23.9	23.2	22.0	21.2	+ 6	
Florida ¹	126.7	126.4	128.4	130.1	135.8	135.9	134.2	133.2	132.9	130.5	125.0	- 1	
Georgia ¹	50.9	55.2	57.5	60.5	62.3	61.5	58.8	56.9	55.8	54.9	50.2	- 1	
Idaho	8.1	10.2	11.4	12.1	12.4	12.7	12.0	11.3	10.7	9.7	7.6	- 6	
Illinois	144.6	165.3	173.3	178.7	185.7	188.3	183.7	182.6	176.0	(3)	(3)	.....
Indiana	50.7	59.1	62.9	66.6	69.4	68.9	67.5	64.5	61.1	58.8	53.7	+ 6	
Iowa ¹	27.7	35.0	37.3	43.6	44.9	44.7	43.6	42.6	37.9	34.2	30.4	+ 10	
Kansas	31.0	37.0	38.5	39.9	40.4	40.7	38.0	35.9	34.4	32.3	28.2	- 9	
Kentucky ¹	29.1	36.2	38.0	40.1	40.7	39.3	38.9	36.5	34.6	30.3	27.7	- 5	
Louisiana	59.0	59.1	60.9	60.3	58.9	59.3	62.0	58.4	56.4	56.4	52.8	- 11	
Maine ¹	10.6	11.3	15.1	16.5	17.7	17.3	16.6	16.6	15.7	13.0	11.1	+ 5	
Maryland	49.7	58.8	61.4	65.7	66.7	68.2	67.8	65.9	64.0	60.2	54.3	+ 9	
Massachusetts ¹	63.2	77.0	85.0	89.1	89.6	91.0	90.6	89.7	86.9	81.9	69.6	+ 10	
Michigan ¹	77.4	89.2	101.4	108.8	114.0	116.0	111.6	108.0	101.0	93.9	82.3	+ 6	
Minnesota ¹	40.2	48.2	53.9	61.8	66.0	67.9	66.0	64.9	57.7	49.8	42.5	+ 6	
Mississippi	21.9	23.5	24.9	26.0	28.3	29.0	27.6	26.6	25.8	24.0	21.7	- 1	
Missouri	55.1	64.5	66.9	69.4	70.6	71.3	71.5	67.4	63.7	62.3	57.3	+ 4	
Montana	7.6	10.7	12.1	13.1	13.8	13.7	12.9	11.6	10.1	9.0	7.4	- 3	
Nebraska	16.7	20.7	21.8	24.2	25.4	25.4	24.6	24.3	23.3	21.3	18.1	+ 8	
Nevada	5.9	6.9	7.1	7.5	6.3	6.6	7.5	7.5	7.3	7.1	6.4	+ 8	
New Hampshire	7.2	7.8	9.1	9.9	10.5	10.6	10.0	9.7	9.2	8.2	7.0	- 3	
New Jersey	82.5	93.0	97.1	96.1	102.4	108.6	107.0	107.4	105.9	101.3	90.7	+ 10	
New Mexico	21.7	23.1	22.7	22.6	21.4	20.1	19.8	18.8	18.4	18.3	17.4	- 20	
New York	220.7	245.9	262.3	275.2	267.1	280.6	281.3	273.6	266.7	252.0	(3)	.....
North Carolina ¹	56.2	60.4	62.7	63.8	63.4	64.9	63.6	62.4	61.5	61.3	59.4	+ 6	
North Dakota	6.6	9.9	13.6	14.7	15.3	15.4	15.2	14.4	12.1	9.5	7.6	+ 15	
Ohio ¹	121.5	138.9	F48.1	157.2	164.7	168.7	167.3	161.8	153.8	141.5	129.4	+ 7	
Oklahoma ¹	31.3	37.5	37.6	37.1	37.6	37.4	36.2	34.3	33.1	33.4	29.7	- 5	
Oregon	21.1	23.6	24.4	24.9	28.2	30.5	29.8	28.0	25.6	23.9	21.1	0	
Pennsylvania	136.4	166.6	176.6	180.9	187.0	182.2	180.8	175.7	168.4	155.8	143.9	+ 5	
Rhode Island ¹	8.7	11.1	12.5	13.1	13.5	13.4	13.4	12.9	12.6	11.2	9.0	+ 3	
South Carolina	31.2	32.4	33.4	32.6	33.4	35.0	34.1	35.1	35.1	35.3	34.8	+ 12	
South Dakota	5.9	9.0	10.2	11.3	11.6	12.0	11.2	10.7	9.1	7.6	6.4	+ 8	
Tennessee	37.2	44.0	44.6	45.9	47.6	48.9	48.8	48.5	46.4	43.8	41.0	+ 10	
Texas ¹	159.4	169.1	172.5	175.5	176.5	175.6	172.1	166.0	163.9	161.6	153.5	- 4	
Utah	13.1	16.0	17.4	17.9	18.8	19.5	18.7	17.4	16.6	15.4	12.6	- 4	
Vermont ¹	4.7	5.0	6.5	7.4	7.8	7.8	7.5	7.2	6.6	5.5	4.6	- 2	
Virginia	57.9	66.7	69.6	72.8	74.1	75.3	74.6	73.7	72.1	67.2	64.7	+ 12	
Washington	36.7	44.9	43.8	46.8	48.8	49.5	48.4	46.4	43.4	42.1	38.7	+ 5	
West Virginia	17.4	18.1	19.6	20.3	20.8	21.5	21.3	21.2	20.0	16.6	13.9	- 20	
Wisconsin ¹	45.1	47.6	54.6	59.3	61.5	62.1	61.7	59.5	56.9	51.8	48.1	+ 7	
Wyoming	6.4	7.5	8.3	9.9	10.1	10.2	9.9	9.0	8.3	8.0	+ 25		

Source: State agencies in cooperation with the Department of Labor, Bureau of Labor Statistics. ¹ Data revised from January 1958. ² Includes a small number of employees in mining. ³ Not available.

* Revised area definition. See *Standard Metropolitan Statistical Areas*, prepared by the Office of Statistical Standards, Bureau of the Budget, 1959. ^a Revised.

Table G-4: Contract Construction: Employment in Selected Metropolitan Areas

Metropolitan area	Number of employees (in thousands)											Percent change, Jan. 1959-60	
	1959												
	Jan.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.		
Akron, Ohio ¹	5.2	6.7	7.7	8.1	9.1	9.6	9.3	8.7	8.1	7.4	6.4	+ 23	
Albany-Schenectady-Troy, N. Y....	5.3	5.9	6.4	6.5	6.9	6.7	6.3	6.1	5.9	5.9	(3)	.....
Albuquerque, N. Mex.....	8.4	9.0	8.6	8.4	8.3	7.6	7.3	6.8	6.8	7.0	7.3	- 13	
Allentown-Bethlehem-Easton, Pa.....	5.5	7.3	8.0	8.1	8.4	7.8	8.1	8.0	7.7	7.0	6.4	+ 16	
Atlanta, Ga. ¹	20.4	21.4	21.8	21.8	23.4	23.5	23.0	22.3	21.6	21.2	19.7	- 3	
*Baltimore, Md. ¹	30.7	36.8	39.2	40.5	41.2	41.6	41.5	39.9	39.2	36.8	32.9	+ 7	
Baton Rouge, La.....	8.6	8.8	8.9	8.6	8.9	9.1	8.4	8.1	8.1	8.3	8.0	- 7	
Binghamton, N. Y.....	2.3	2.8	3.5	3.7	3.7	3.7	3.7	3.7	3.5	3.2	(3)	.....
Birmingham, Ala.....	9.8	10.3	10.5	10.7	10.7	10.8	10.6	10.6	10.6	10.6	10.5	+ 7	
Boise, Idaho.....	1.7	1.9	2.0	2.1	2.2	2.2	2.2	2.0	1.9	1.8	1.7	0	
Boston, Mass.....	36.7	42.4	46.7	48.4	48.3	49.7	49.7	49.0	47.5	44.8	37.9	+ 3	
Bridgeport, Conn. ²	4.1	4.5	5.0	5.1	5.3	5.3	5.4	5.4	5.2	4.8	4.1	0	
Buffalo, N. Y.....	18.9	21.1	23.6	25.9	27.0	27.8	28.9	27.1	25.3	22.7	(3)	.....
Canton, Ohio ¹	3.1	3.1	4.1	4.5	4.8	4.8	4.8	4.5	4.2	3.8	3.6	+ 16	
Casper, Wyo.....	1.1	1.4	1.5	1.7	1.8	1.7	1.7	1.7	1.4	1.3	1.2	+ 9	
Charleston, S. C.....	4.2	4.1	4.1	4.1	4.2	4.4	4.2	4.3	4.2	4.2	4.0	- 5	
*Charleston, W. Va. ¹	2.8	3.6	4.1	4.4	4.6	4.6	4.6	3.9	3.6	3.3	2.9	+ 4	
Charlotte, N. C. ¹	7.0	7.3	7.5	7.9	8.2	8.6	9.0	8.9	8.3	8.2	8.3	+ 19	
Chattanooga, Tenn.....	3.4	4.3	4.3	4.3	4.1	4.2	4.1	4.0	3.9	3.7	3.7	+ 9	
Chicago, Ill.....	107.1	120.3	125.5	127.6	130.8	(3)	(3)	(3)	(3)	(3)	(3)	.....
Cincinnati, Ohio ¹	17.0	19.8	20.7	20.7	20.6	21.7	22.0	22.2	21.4	19.9	18.5	+ 9	
Cleveland, Ohio ¹	28.0	30.7	32.3	35.0	36.8	36.4	35.6	34.5	33.5	31.1	28.7	+ 3	
Columbia, S. C.....	3.8	4.1	4.1	4.2	4.3	4.5	4.3	4.3	4.2	4.1	4.1	+ 8	
Columbus, Ohio ¹	11.2	14.0	14.4	16.0	17.1	17.6	17.4	16.5	15.5	13.9	12.1	+ 8	
*Dayton, Ohio ¹	8.0	9.6	10.2	11.1	11.4	11.8	11.4	10.8	10.0	9.1	8.1	+ 1	
Denver, Colo.....	19.9	20.6	21.8	23.8	25.3	25.0	24.6	24.3	23.1	22.7	21.2	+ 7	
Des Moines, Iowa.....	4.6	5.6	3.7	6.0	6.1	6.1	5.9	5.8	5.4	5.0	4.6	0	
Detroit, Mich. ¹	41.1	44.3	49.2	49.0	52.3	54.3	50.9	48.0	47.0	41.9	36.4	- 11	
Duluth, Minn. ¹	1.9	2.1	2.3	2.7	2.7	2.8	2.6	2.2	2.0	1.7	1.1	- 11	
Evansville, Ind. ¹	2.3	2.6	2.6	2.8	2.9	2.8	2.7	2.7	2.7	2.5	2.5	+ 9	
Fargo, N. D.....	1.4	1.6	2.3	2.6	2.7	2.7	2.7	2.6	2.2	1.6	1.3	- 7	
Flint, Mich. ¹	3.2	3.4	4.1	4.3	4.7	4.8	4.7	4.6	4.0	3.6	3.1	- 3	
Fort Wayne, Ind. ¹	3.2	3.7	4.1	4.4	4.4	4.3	4.3	4.3	3.9	3.3	3.3	+ 3	
Grand Rapids, Mich. ¹	4.3	5.3	5.8	6.3	6.4	6.3	6.4	6.0	5.6	4.6	4.0	- 7	
Great Falls, Mont.....	1.6	2.0	2.1	2.3	2.4	2.3	2.1	1.9	1.7	1.5	1.4	- 13	
Greenville, S. C. ⁴	5.1	4.8	5.1	5.2	5.5	6.3	6.1	6.2	5.6	5.4	5.5	+ 8	
Harrisburg, Pa.....	5.7	6.8	7.2	7.2	8.4	8.4	8.3	7.9	7.3	6.8	5.8	+ 2	
Hartford, Conn. ²	8.3	8.6	9.3	9.7	9.8	10.0	10.0	9.9	9.7	9.1	8.5	+ 2	
Huntington-Ashland, W. Va.....	2.5	2.4	2.7	2.5	2.7	2.6	2.5	2.5	2.4	2.1	(3)	.....
Indianapolis, Ind. ¹	10.7	12.5	13.3	14.1	14.8	15.0	14.9	14.6	13.8	13.4	12.4	+ 16	
Jackson, Miss.....	4.8	4.9	5.0	4.9	5.3	5.8	5.8	5.7	5.4	5.2	4.9	+ 2	
Jacksonville, Fla. ¹	11.1	11.7	11.8	11.9	11.5	11.5	11.9	11.4	11.0	11.0	10.5	- 5	
Kansas City, Mo.....	21.2	23.9	25.0	25.2	24.7	24.1	24.2	22.5	21.5	20.5	19.0	- 10	
Knoxville, Tenn.....	6.6	7.4	7.8	8.7	8.8	9.0	8.9	7.9	8.0	8.2	7.8	+ 18	
Lancaster, Pa.....	4.0	4.3	4.6	5.0	5.4	5.3	5.1	5.0	4.8	4.5	4.1	+ 3	
*Lansing, Mich. ¹	3.2	3.6	4.2	4.8	4.8	4.6	4.3	4.2	3.6	3.2	3.2	0	
Lewiston-Auburn, Maine ¹.....	.9	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.0	+ 11
Little Rock-N. Little Rock, Ark. ..	4.6	5.1	5.6	6.1	6.4	6.4	5.9	5.7	5.1	4.8	4.0	- 13	
Los Angeles-Long Beach, Calif. ..	122.7	128.2	132.6	132.1	135.3	140.4	139.2	137.9	135.4	134.9	130.0	+ 6	
Louisville, Ky. ¹	11.1	14.1	14.8	15.9	16.2	16.4	15.3	14.6	13.8	12.7	11.8	+ 6	
Manchester, N. H.....	1.7	1.8	1.9	2.2	2.3	2.4	2.3	2.2	2.1	1.9	1.7	0	
Memphis, Tenn. ¹	10.2	10.7	10.8	11.1	11.1	10.9	10.7	10.4	10.1	9.5	- 7		
Miami, Fla.....	26.4	25.1	25.6	27.2	29.1	29.0	29.3	29.5	29.0	27.8	27.1	+ 3	
Milwaukee, Wis.....	18.7	19.7	21.8	23.2	23.4	23.6	23.9	23.3	22.9	21.3	20.1	+ 7	
Minneapolis-St. Paul, Minn.....	24.6	28.9	29.6	33.6	36.0	36.7	36.2	36.1	32.5	29.6	25.9	+ 5	
Mobile, Ala. ¹	5.4	5.5	5.5	5.2	5.3	5.3	5.3	5.3	5.1	5.2	- 4		
Muskegon-Muskegon Heights, Mich. ¹	1.3	1.4	1.4	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	- 23	
Nashville, Tenn.....	6.3	7.0	7.1	7.3	7.6	7.9	7.9	7.6	7.3	7.0	+ 11		
New Bedford, Mass.....	1.0	1.3	1.4	1.4	1.7	1.6	1.5	1.4	1.2	1.0	.8	- 20	
New Britain, Conn. ²	1.0	1.1	1.3	1.4	1.4	1.4	1.3	1.3	1.1	1.0	0	0	
New Haven, Conn. ²	5.6	5.9	6.3	6.6	6.8	6.8	6.8	6.5	6.4	5.7	5.4	- 4	
New Orleans, La. ¹	17.7	18.0	19.0	19.0	18.7	18.5	19.0	19.0	19.1	18.6	17.6	- 1	

See footnotes to table G-3.

APRIL 1960

Table G-4: Contract Construction: Employment in Selected Metropolitan Areas—Continued

Metropolitan area	Number of employees (in thousands)											Percent change, Jan. 1959-60	
	1959												
	Jan.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.		
New York-Northeastern N. Jersey ¹	203.6	235.4	247.2	254.6	238.5	264.5	267.3	260.3	254.9	242.5	219.1	+ 8	
Newark-Jersey City, N. J.....	26.0	27.7	29.0	29.2	32.3	35.6	34.9	35.1	35.7	34.6	31.5	+ 21	
Paterson, N. J.....	19.8	21.9	22.6	23.0	24.5	25.7	26.1	26.0	25.1	23.5	19.8	0	
Perth Amboy, N. J. ¹	7.3	7.9	8.4	8.7	9.5	10.1	9.7	9.6	9.2	8.6	7.3	0	
Nassau-Suffolk Counties, N. Y.....	23.0	28.5	31.2	34.3	27.9	34.2	35.2	33.5	32.3	31.2	(3)	.....
New York, N. Y.....	108.4	112.7	114.1	119.5	106.9	117.7	120.0	116.2	114.4	111.1	(3)	.....
Westchester County, N. Y.....	13.8	17.4	19.4	19.8	19.7	21.4	20.9	20.0	20.0	18.0	(3)	.....
Norfolk-Portsmouth, Va. ¹	10.5	11.3	11.7	12.4	12.7	13.3	12.8	12.6	12.2	11.4	11.0	+ 5	
Oklahoma City, Okla ¹	10.2	11.8	12.3	13.0	13.2	13.6	13.3	12.9	12.1	12.1	11.1	+ 9	
Omaha, Nebr. ²	9.0	9.8	10.1	10.8	11.3	11.2	11.3	11.4	11.3	10.5	9.2	+ 2	
Peoria, Ill.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.....
Philadelphia, Pa.....	62.8	72.0	76.2	77.8	79.1	80.6	80.3	78.6	77.0	72.4	66.6	+ 6	
Phoenix, Ariz.....	16.1	17.2	17.4	15.2	10.0	16.5	18.1	18.6	18.8	18.6	17.7	+ 10	
Pittsburgh, Pa.....	34.9	40.6	41.8	42.5	43.8	41.4	41.1	39.7	38.1	35.4	34.4	- 1	
Portland, Maine ¹	2.4	2.4	3.0	3.1	3.3	3.5	3.6	3.5	3.5	3.1	2.4	0	
Portland, Oreg.....	12.4	13.9	14.1	14.3	15.7	16.9	16.8	15.3	14.3	13.8	12.4	0	
*Providence, R. I. ¹	7.7	9.8	11.1	11.6	11.9	11.8	11.8	11.4	11.2	9.9	8.0	+ 4	
Racine, Wis. ¹	1.4	1.5	2.0	2.1	2.4	2.3	2.1	2.1	1.7	1.6	1.5	+ 7	
Reno, Nev.....	2.3	2.6	2.7	2.9	2.6	2.3	2.9	2.9	2.7	2.6	2.4	+ 4	
Richmond, Va.....	10.5	11.4	11.8	12.0	11.9	12.0	11.9	11.7	11.4	11.2	11.0	+ 5	
Rochester, N. Y.....	8.3	8.3	9.4	10.3	10.9	11.6	11.9	11.9	11.3	9.7	(3)	.....
Rockford, Ill.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.....
Sacramento, Calif.....	8.9	9.6	10.6	11.3	11.6	11.9	11.9	12.0	11.6	11.1	9.8	+ 10	
Saginaw, Mich. ¹	1.9	2.3	2.6	2.8	2.8	2.9	2.9	2.9	2.8	2.4	2.2	+ 16	
St. Louis, Mo.....	26.3	29.4	29.1	30.6	31.7	30.3	30.6	31.0	29.7	29.2	26.3	0	
Salt Lake City, Utah.....	7.0	7.7	8.3	8.8	9.1	9.6	9.8	9.5	9.1	8.5	7.6	+ 9	
San Diego, Calif.....	18.6	19.2	19.7	20.0	20.3	20.3	20.1	19.9	19.9	19.5	18.8	+ 1	
San Francisco-Oakland, Calif.....	55.2	58.3	59.8	61.1	61.6	62.8	62.6	63.1	62.2	61.7	58.5	+ 6	
San Jose, Calif.....	13.1	14.0	14.5	15.0	15.5	16.0	15.8	15.9	15.5	15.3	14.3	+ 9	
Savannah, Ga. ¹	3.5	3.7	4.0	4.2	4.0	4.1	3.9	3.8	3.6	3.7	3.4	- 3	
*Seattle, Wash. ¹	15.8	17.9	18.1	19.0	20.1	20.6	20.1	18.9	17.8	17.1	16.0	+ 1	
Shreveport, La. ¹	6.4	6.8	7.0	7.2	7.2	7.2	6.6	6.2	6.0	6.0	5.6	- 13	
Sioux Falls, S. D.....	1.1	1.4	1.6	1.8	1.9	2.0	1.9	1.8	1.5	1.2	1.0	- 9	
South Bend, Ind. ¹	2.4	3.0	3.1	3.3	3.3	3.4	3.4	3.2	3.2	3.0	3.0	+ 25	
Spokane, Wash.....	3.3	4.4	5.0	5.1	5.1	5.3	5.3	5.0	4.5	4.2	3.6	+ 9	
Springfield-Holyoke, Mass.....	4.3	5.1	5.9	6.1	6.4	6.3	6.3	6.0	5.5	5.3	4.6	+ 7	
Stamford, Conn ²	2.9	3.1	3.3	3.4	3.3	3.2	3.2	3.1	3.0	2.7	2.4	- 17	
Syracuse, N. Y.....	4.9	4.9	5.5	5.8	5.9	6.2	6.1	5.8	5.1	5.0	(3)	.....
Tacoma, Wash.....	3.7	4.5	4.5	5.0	5.2	5.2	4.9	4.5	4.4	4.2	4.0	+ 8	
Tampa-St. Petersburg, Fla.....	22.9	21.8	22.7	22.7	23.7	23.2	23.4	23.6	23.5	23.3	22.4	- 2	
Toledo, Ohio ¹	6.2	7.1	7.4	8.1	9.5	9.4	9.5	9.2	8.4	7.6	7.3	+ 18	
Topeka, Kans.....	3.0	3.4	3.4	3.4	3.6	3.8	3.8	3.4	3.5	3.5	3.2	+ 7	
Trenton, N. J.....	3.8	4.6	4.7	4.7	4.9	4.9	5.1	5.0	4.6	4.6	3.9	+ 3	
Tucson, Ariz.....	6.4	6.6	6.7	6.0	4.7	6.6	7.3	7.3	7.4	7.5	7.5	+ 17	
*Tulsa, Okla. ¹	8.4	9.2	9.1	9.4	9.6	9.6	9.6	9.6	9.7	9.4	9.4	+ 12	
Utica-Rome, N. Y.....	1.7	2.1	2.7	3.0	3.3	3.1	2.6	2.4	2.3	1.2	(3)	.....
Washington, D. C.....	42.1	49.1	50.8	52.1	53.5	55.3	54.9	54.2	52.6	50.4	48.5	+ 15	
Waterbury, Conn. ²	1.5	1.7	1.9	2.0	2.1	2.1	2.0	2.0	1.9	1.8	1.7	+ 13	
*Wheeling, W. Va. ¹	2.8	2.4	2.7	2.8	2.8	2.9	3.0	3.2	2.8	2.8	2.5	- 11	
Wichita, Kans.....	6.4	6.9	7.3	7.5	7.6	7.4	7.1	6.5	6.3	5.9	5.0	- 22	
Wilmington, Del.....	7.4	8.9	9.3	9.6	10.0	10.3	10.2	10.1	9.9	9.4	8.3	+ 12	
Worcester, Mass.....	2.5	2.4	2.5	2.6	2.5	2.5	2.8	2.9	2.8	2.7	2.2	- 12	
*Youngstown, Ohio ¹	6.4	7.4	8.1	8.7	8.9	8.7	8.5	8.2	7.7	7.1	6.7	+ 5	

See footnotes to table G-3.

Table G-5: Contract Construction: Indexes of Aggregate Weekly Man-Hours

(1947-49=100)

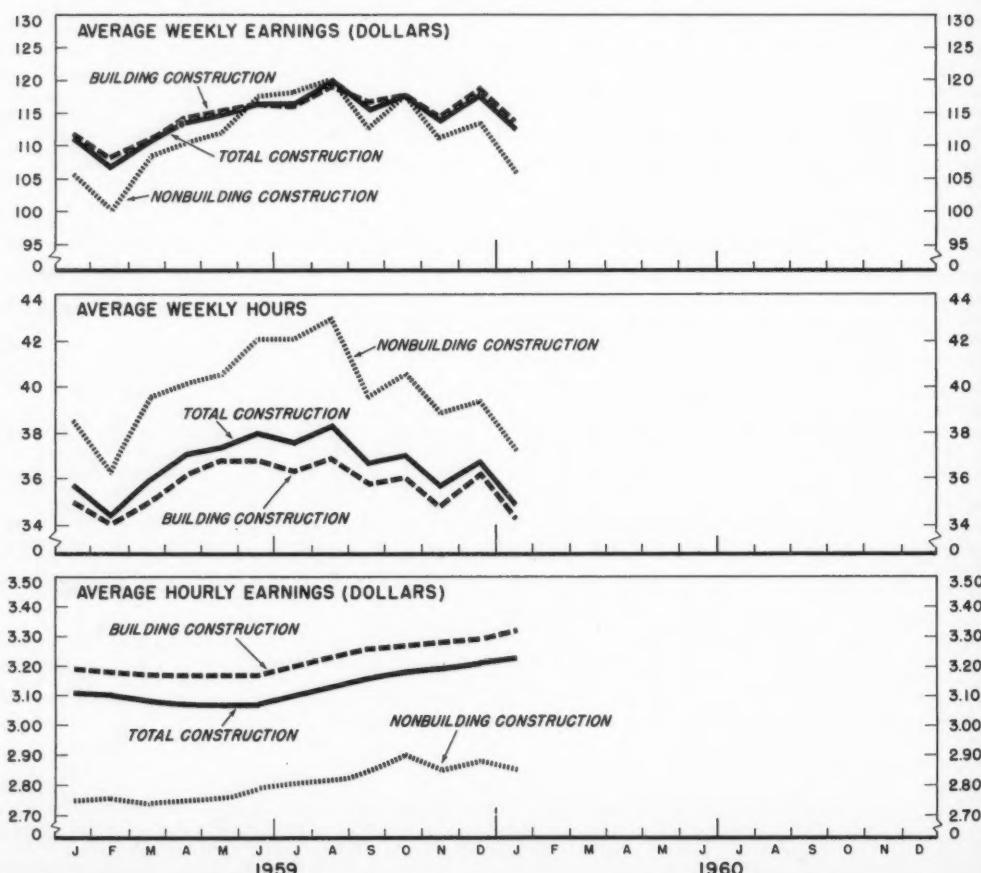
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957.....	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958.....	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.2
1959.....	99.7	92.0	103.7	119.0	129.2	138.9	140.1	146.1	136.5	133.7	123.3	"	118.9
1960.....	"101.0	97.3											(1)

Source: Department of Labor, Bureau of Labor Statistics.

* Revised.

¹Not yet available.

Chart 15. Hours and Earnings in Contract Construction



SOURCE: DEPARTMENT OF LABOR.

CONSTRUCTION REVIEW C.D. 60-10-0

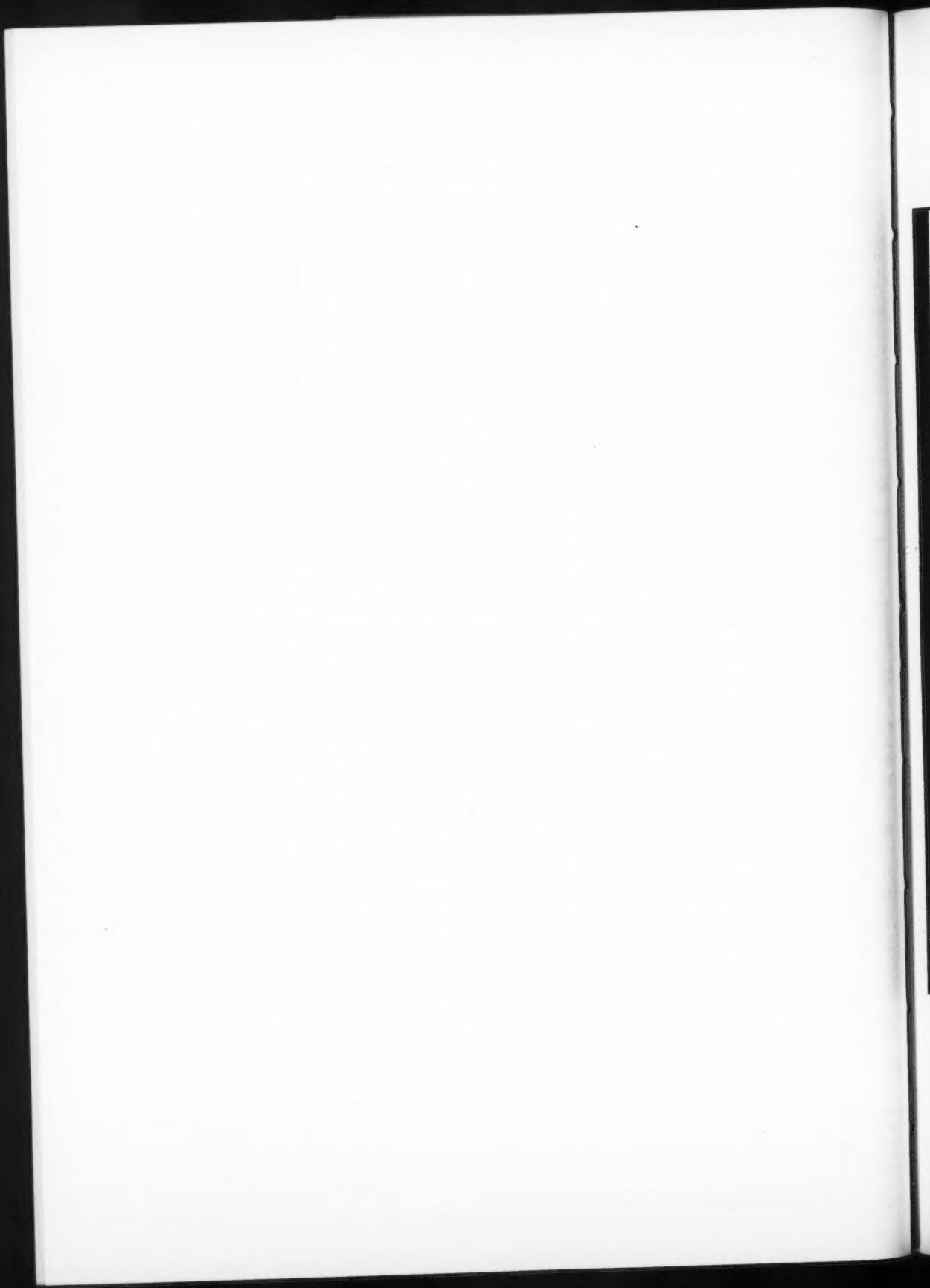
Table G-6: Contract Construction: Hours and Gross Earnings of Construction Workers

Period	All construction	Building construction							Nonbuilding construction			
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building	
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades				
AVERAGE WEEKLY EARNINGS												
Year:	1956....	\$101.83	\$101.92	\$95.04	\$107.16	\$112.31	\$99.81	\$125.22	\$102.39	\$101.59	\$97.63	\$104.94
	1957....	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
	1958....	110.47	110.67	102.53	115.28	123.23	107.95	135.97	109.31	109.47	104.14	114.26
	1959....	115.13	115.24	106.62	120.27	128.56	113.72	142.08	113.45	113.24	108.09	118.40
1959:	Jan.....	111.03	111.65	103.01	116.86	127.64	107.52	139.41	108.54	105.88	93.59	114.55
	Feb.....	106.64	108.12	100.25	112.20	123.28	104.63	137.58	102.72	100.19	85.40	109.82
	Mar.....	110.57	110.95	103.19	115.15	125.33	109.07	138.65	106.88	108.23	98.21	115.84
	Apr.....	113.59	114.44	106.07	119.13	127.72	111.97	141.64	112.70	110.28	103.28	116.61
	May.....	114.82	115.39	106.36	120.82	129.12	113.60	141.64	115.31	112.06	106.55	118.00
	June....	116.66	116.66	108.19	121.81	128.78	114.52	143.91	116.28	117.46	113.88	120.77
	July....	116.56	116.16	107.15	120.88	129.96	114.95	145.08	114.37	118.30	115.44	121.29
	Aug....	119.88	119.19	110.70	123.98	131.45	117.00	144.71	118.70	121.26	119.71	123.07
	Sept....	115.66	116.71	107.87	121.70	126.29	116.47	138.75	117.51	112.58	109.62	116.35
	Oct....	117.66	117.72	109.85	122.38	130.79	115.17	144.38	116.49	117.74	113.03	123.01
	Nov....	113.88	114.14	103.93	120.04	129.08	113.86	142.51	113.23	110.87	104.80	116.74
	Dec....	117.81	119.13	108.78	124.53	133.32	115.87	148.19	118.27	113.47	103.88	120.87
1960:	Jan.....	112.73	113.88	103.97	119.03	129.11	111.56	145.92	111.20	106.31	96.89	112.78
AVERAGE WEEKLY HOURS												
Year:	1956....	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.9
	1957....	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
	1958....	36.7	35.7	35.6	35.8	37.8	34.6	38.3	34.6	40.1	41.0	39.4
	1959....	36.9	35.9	35.9	35.9	37.7	35.1	38.4	34.8	40.3	41.1	39.6
1959:	Jan.....	35.7	35.0	34.8	35.2	38.1	33.6	38.3	33.5	38.5	38.2	38.7
	Feb.....	34.4	34.0	34.1	34.0	36.8	32.8	37.9	32.0	36.3	35.0	37.1
	Mar.....	35.9	35.0	35.1	35.0	37.3	34.3	38.3	33.4	39.5	39.6	39.4
	Apr.....	37.0	36.1	36.2	36.1	37.9	35.1	38.7	35.0	40.1	40.5	39.8
	May.....	37.4	36.4	36.3	36.5	38.2	35.5	38.7	35.7	40.6	41.3	40.0
	June....	38.0	36.8	36.8	36.8	38.1	35.9	39.0	36.0	42.1	43.3	40.8
	July....	37.6	36.3	36.2	36.3	38.0	35.7	39.0	35.3	42.1	43.4	40.7
	Aug....	38.3	36.9	36.9	36.9	38.1	36.0	38.9	36.3	43.0	44.5	41.3
	Sept....	36.6	35.8	35.6	35.9	36.5	35.4	37.0	35.5	39.5	40.6	38.4
	Oct....	37.0	36.0	35.9	36.1	37.8	34.9	38.5	35.3	40.6	41.1	40.2
	Nov....	35.7	34.8	34.3	35.1	37.2	34.4	37.8	33.9	38.9	39.4	38.4
	Dec....	36.7	36.1	35.9	36.2	38.2	34.9	39.1	35.2	39.4	39.2	39.5
1960:	Jan.....	34.9	34.3	34.2	34.5	37.1	33.4	38.4	32.9	37.3	37.7	37.1
AVERAGE HOURLY EARNINGS												
Year:	1956....	\$2.73	\$2.80	\$2.64	\$2.92	\$2.94	\$2.86	\$3.17	\$2.86	\$2.49	\$2.33	\$2.63
	1957....	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
	1958....	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.73	2.54	2.90
	1959....	3.12	3.21	2.97	3.35	3.41	3.24	3.70	3.26	2.81	2.63	2.99
1959:	Jan.....	3.11	3.19	2.96	3.32	3.35	3.20	3.64	3.24	2.75	2.45	2.96
	Feb.....	3.10	3.18	2.94	3.30	3.35	3.19	3.63	3.21	2.76	2.44	2.96
	Mar.....	3.08	3.17	2.94	3.29	3.36	3.18	3.62	3.20	2.74	2.48	2.94
	Apr.....	3.07	3.17	2.93	3.30	3.37	3.19	3.66	3.22	2.75	2.55	2.93
	May.....	3.07	3.17	2.93	3.31	3.38	3.20	3.66	3.23	2.76	2.58	2.95
	June....	3.07	3.17	2.94	3.31	3.38	3.19	3.69	3.23	2.79	2.63	2.96
	July....	3.10	3.20	2.96	3.33	3.42	3.22	3.72	3.24	2.81	2.66	2.98
	Aug....	3.13	3.23	3.00	3.36	3.45	3.25	3.72	3.27	2.82	2.69	2.98
	Sept....	3.16	3.26	3.03	3.39	3.46	3.29	3.75	3.31	2.85	2.70	3.03
	Oct....	3.18	3.27	3.06	3.39	3.46	3.30	3.75	3.30	2.90	2.75	3.06
	Nov....	3.19	3.28	3.03	3.42	3.47	3.31	3.77	3.34	2.85	2.66	3.04
	Dec....	3.21	3.30	3.03	3.44	3.49	3.32	3.79	3.36	2.88	2.65	3.06
1960:	Jan.....	3.23	3.32	3.04	3.45	3.48	3.34	3.80	3.38	2.85	2.57	3.04
Percent change, Jan. 1959-60												
Average weekly earnings.....	+ 1.5	+ 2.0	+ .9	+ 1.9	+ 1.2	+ 3.8	+ 4.7	+ 2.5	+ .4	+ 3.5	- 1.5	
Avg. wky. hours.....	- 2.2	- 2.0	- 1.7	- 2.0	- 2.6	- .6	+ .3	- 1.8	- 3.1	- 1.3	- 4.1	
Average hourly earnings.....	+ 3.9	+ 4.1	+ 2.7	+ 3.9	+ 3.9	+ 4.4	+ 4.4	+ 4.3	+ 3.6	+ 4.9	+ 2.7	

Source: Department of Labor, Bureau of Labor Statistics.

* Revised.

(NOTE: Table G-7, Registered Apprentices in the Building Trades, is published on a semiannual basis as data become available.)





- Should I try to obtain a patent?
- If so, what steps can I take to secure the best possible patent protection?
- What steps can I take to improve my chances of developing and marketing any inventions successfully?

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New C
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A- 2.
A- 3.
A- 4.
A- 5.

New D
B- 1.
B- 2.
B- 3.
B- 4.
B- 5.
B- 6.
B- 7.
House
B- 8.
B- 9.

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C- 1.
C- 2.
C- 3.
C- 4.
C- 5.
C- 6.
C- 7.
C- 8.
C- 9.

D- 1.
D- 2.
D- 3.
D- 4.

E- 1.
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E- 4.
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F- 2.
F- 3.
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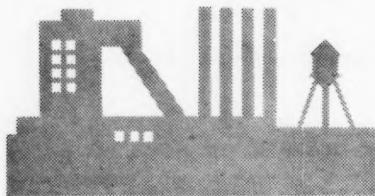
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